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EVERYTHING FOR THE GARDEN

PETER HENDERSON & CO.

35 CORTLANDT ST.

NEW YORK

Copyright 1933 by Peter Henderson & Co., New York, N. Y.



For Full Description of NEW ROSE "BLAZE" See Page 131 For Full Description of Extra Select DELPHINIUMS

See Page 143

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# ORDER SHEET For your convenience we have prefixed numbers to each variety of Vegetable and Flower seed. Please order by number when possible.

# PETER HENDERSON & CO.

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35 CORTLANDT STREET, NEW YORK, N. Y.

	Be Sure to List Remittance Here
SHIP BY	Enclosed Please Find Dollars Cents
TO (NAME)	Draft or Check
P. O. Box, Street or Rural Delivery	Money Order
	Cash
Post Office	Postage Stamps (Send 2c Stamps)
County; State	Total Amount
Station or Exp. Office(Only if different from P. O.)	When goods are wanted C.O.D. 25% of the amount due must accompany the order. No Plants sent C.O.D.
Superintendent or Gardener(That we may enter his name for Catalogs.)	NOTE—If cash or stamps are sent by mail REGISTER THE LETTER.

All gardeners of experience know that success with seeds depends largely upon weather conditions and proper cultivation, so in accordance with the universal custom of the Seed Trade, PETER HENDERSON & CO. gives no warranty, express or implied, as to description, quality, productiveness, or any other matter, of any Seeds, Bulbs, Plants or Roots they send out, and they will not be in any way responsible for the crop.

FREE DELIVERY, ETC. All Vegetable Seeds, Flower Seeds, Grass Seeds and Bulbs offered in this catalogue will be delivered—at the prices listed—transportation paid, in the U. S. and Possessions. In making this Free Delivery offer we reserve the right to ship goods either by Parcel Post, Express or Freight.

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ORDER SHEET FOR PLANTS AND ROOTS Offered on Pages 131 to 151

# PETER HENDERSON & CO.

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Buyer pa cent is adde River. We	ys transit charges on Plants. We will ship by parcel post, or express, prepaid, if 10 per dd to the catalog price, for points East and 20 per cent for points West of the Mississippi do not send Plants C. O. D.	Draft or Check,	
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# FREE DELIVERY IN THE UNITED STATES POSSESSIONS

All Vegetable Seeds, Flower Seeds, Grass Seeds and Bulbs offered in this catalogue will be deliveredat the prices listed, transportation paid in the U. S. and Possessions. In making this Free Delivery offer we reserve the right to ship goods either by Parcel Post, Express or Freight.

Please Order Early-Mail Your Order in January or February

WE DO NOT SUPPLY DEALERS, therefore our seeds, etc., can only be secured by sending orders direct to us.

THE PRICES QUOTED IN THIS CATALOGUE have been lowered considerably, due to lessened costs of production which we have passed on to our customers. Prices quoted are net, and we reserve the right to advance prices without notice should current conditions require it.

WE MAKE NO CHARGES FOR SHIPPING AND CARTING of goods to any railroad station, steamship line or express office in New York City proper. Also, we make no charge for packing, except special for foreign shipments, as tin-lined cases, double sacks, etc.; then we charge cost. Cloth bags we charge for viz.: 1 peck, 10c; ½ bushel, 15c; 1 bushel, 20c; 2 bushels, 30c. Burlap bags, 1 peck, 7c; ½ bushels, 10c; 1 bushels, 12c; 2 bushels, 15c; 4 bushels, 20c; 6 bushels, 30c; 8 bushels, 35c. No charge for bags with lawn grass mixtures.

REMITTANCES may be made by Money Order, Check, Cash or Stamps. Please send 2c stamps only.

NOTE.—IF CASH OR STAMPS ARE SENT BY MAIL, BE SURE TO REGISTER THE LETTER.

C.O.D. ORDERS-By Parcel Post or Express. If you wish goods sent C.O.D., send 25 per cent of the amount due with the order. The Post Office Department does not allow a prior examination of C.O.D. parcels. We do not ship plants or potatoes C.O.D. Regarding the shipping and delivery of plants and shrubs, see page 131.



ACCOUNTS.-We will be pleased to open charge accounts for the convenience of our customers. Kindly furnish references, New York City preferred, to avoid

ORDERS.—We guarantee the safe arrival of your Seeds in the U.S.A. and Possessions. We use the greatest care in filling, checking and packing. Yet should anything be omitted, we will promptly forward when advised. Please sign your orders.

ADVISORY SERVICE. We are glad to answer letters in detail, regarding your garden problems, but all request for information should be written on a separate sheet of paper, and not on orders.

> GARDENERS' AND GREENSKEEPERS' SITUATIONS.—We have at all times the names of practical gardeners, farm managers and greenskeepers in want of situations. If parties desiring such will write us, we shall be glad to put them in communication with men we deem suitable. We make no charge for this service.

ALL GARDENERS OF EXPERIENCE

know that success with seeds depends largely on weather conditions and proper cultivation, so in accordance with the universal custom of the trade Peter Henderson & Co. gives no warranty, expressed or implied, as to description, quality, productiveness, or any other matter, of any seeds, bulbs, plants or roots they send out, and they will not be in any way responsible for the crop.

SPECIAL OFFER-With Every Order for Seeds, Bulbs or Plants Amounting to \$3.00 We Will, If Requested, Send Free a Copy of

Registered Trade Mark

# Henderson's Garden Guide and Record

A New and Enlarged Edition. It Tells How to Plan, Plant and Cultivate Your Garden. Published Price 35c

Tells how to make rose gardens, rock gardens, perennial gardens and gardens of annual flowers. In short, with this new edition, it will be possible for any garden lover to take an undeveloped piece of property and make a garden. It also gives complete cultural instructions for growing both vegetables and flowers written by experts. Size,  $5 \times 8\frac{1}{2}$  inches; has 88 pages of text, including a complete index.

Greeting to Customers

With the improvement in conditions that is already noticeable, 1933 will be dissected by many as a matter of economy, will be continued ever when the economical necessity is lessened, for the quality of vegetables fresh from your own garden can never be equalled from any

The Home Beautiful movement will go on with new impetus for despite the severe reverses of the past three years, the spirit of the American people is still as high as ever, and will always be reflected in their homes and surroundings.

You will find many price changes in your catalogue this year, for we, too, have had our problems in economy and these savings in the cost of production have been passed on to you. But our tests and trials are still rigidly maintained and Henderson's Tested Seeds are and always will be the best it is possible to produce.

The splendid response of our customers to our efforts, as shown by a maintained volume of business during the last three years, has been a wonderful inspiration to all of us, and our catalogue of this year is our grateful response to you.

May I express to you our sincere appreciation.

Yours very truly,

eter denderson

PETER HENDERSON & CO., 35 Cortlandt Street. NEW YORK

# Save Time And At Least 20% In Cash by Purchasing

# Henderson's Vegetable Seed Collections

These collections are made up of varieties of known merit, that have been selected in quantities for the allotted garden space, to produce a continuous supply of delicious high quality vegetables throughout the entire season. They save time and money for busy gardeners.

### CITY GARDEN

7000 Collection \$1.00

The Popular Dollar Box of Seeds for the Back Yard Garden.

1 Pkt.	BEANS	Green Bush, Black Valentine
1 "	14.6	Wax Pod
1 "	BEET	Eclipse
1 "	CABBAGE	Early Jersey Wakefield
1 "	CARROT	Chantenay
1 "	CORN SWEET	Golden Bantam
1 "	LETTUCE	Salamander
1 "	ONION	White Portugal
1 "	PARSLEY	Double Curled
1 "	PEAS	Earliest Dwarf, Nott's Excelsion
1 "	14	Dwarf, Medium Early, Advancer
1 "	RADISH	Early Round Dark Red
1 "	SOUASH	White Bush Scalloped
1 "	SWISS CHARD	
1 "	TOMATO	Earliana

Cultural directions for the City Garden Collection are included

# SUBURBAN GARDEN

7004 Collection \$3.00

A Complete Vegetable Garden, 50x50 Feet

This collection is for the average size family residing in the suburbs. A plan and sheet of instructions is included with every box, so that anyone can succeed in producing quantities of vegetables. The collection contains 33 varieties.

½ Lb.	BEANS	Black Valentine Bush
1/2 "	44	Wax
1 Pkt.	" LIMA	Large White Pole
1 "	" POLE	Old Homestead
1 Oz.	BEET	Eclipse
1 Pkt.	CABBAGE	Ely. Jersey Wakefield
1 "	41	Sel. Late Flat Dutch
1 "	CARROT	Chantenay
1 "	CELERY	White Plume
1 "	CORN	Golden Bantam
1 "	**	Country Gentleman
1 "	CUCUMBER	Henderson
1 "	ENDIVE	Green Curled
1 "	LEEK	American Flag
1 "	LETTUCE	Big Boston
1 "	41	Early Curled Simpson
1 "	MELON MUSK	Rocky Ford
1 **	" WATER	Coles Early
1 "	ONION	White Portugal
1 "	**	Prizetaker
1 "	PARSLEY	Emerald
1 "	PARSNIP	Hollow Crown
1/2 Lb.	PEAS	Nott's Excelsion
½ Lb.	*1	Dwarf Telephone
1 Pkt.	RADISH	Early Round Dark Red
1 "	44	French Breakfast
1 Oz.	SPINACH	Savoy
1 Pkt.	SQUASH	Hubbard .
1 "	"	Mam. Summer Crooknec
1 Oz.	SWISS CHARD	
1 Pkt.	TOMATO	Earliana
1 "	41	Ponderosa

TURNIP

#### COUNTRY GENTLEMAN

7006 Collection \$6.00

For a Country Estate Vegetable Garden. 5x75 Feet

This well-planned assortment of 46 varieties wil arnish a continuous supply of fresh vegetables for the table all trough the season, and also provide some for winter storage.

Every box contains a plan and instruction sheet which will help the gardener in laying out the plot, and also in the cultivation.

1 Lb. BEANS
Black Valentine
1 "BEANS Wax Pod
1 "BEANS, LIMA
Henderson Bush
1 Pkt. BEANS, LIMA
Large White Pole
1 "BEANS
Old Homestead
1 Oz. BEET Eclipse
1 "BEET Detroit
1 Pkt. CABBAGE
Early Jersey Wakefield
1 "CABBAGE
Sel. Late Flat Dutch
1 "CARROT
Chantenay
1 Oz. CARROT Danver's
1 Pkt. CAULIFLOWER Snowball
1 "CELERY
White Plume

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1 Lb. CORN SWEET
Golden Bantam
1 Pkt. CORN SWEET
Metropolitan
1 "CORN SWEET
Country Gentleman
1 "CUCUMBER
Henderson
1 "ENDIVE

Green Curled

KALE Scotch

KOHL-RABI
Early White

LEEK
American Flag
LETTUCE
May King
LETTUCE
Salamander

ot, and also in the culti

1 Pkt. LETTUCE
Big Boston

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Rocky Ford
MELON, MUSK
Early Hackensack

1 "MELON, WATER
Coles Early
1 "ONION
White Portugal
VOZ. ONION
Prizetaker

1 Pkt. PARSLEY Emerald
1 "PARSNIP
Hollow Crown

2 Lbs. PEAS, EARLY
Prosperity
2 "PEAS, LATE

2 " PEAS, LATE
Telephone
1 Pkt. PEPPER
Chinese Giant
1 " PUMPKIN
Large Cheese
1 Oz. RADISH
Eatly Round Dark Red
1 " RADISH
French Breakfast
1 " RUTA-BAGA
Long Island
1 Pkt. SALSIFY

Mammoth
1 Oz. SPINACH Victoria
1 Pkt. SQUASH
Summer Crookneck
1 SQUASH Hubbard
1 Oz. SWISS CHARD
1 Pkt. TOMATO
Ponderosa

Purple Top White Globe



Elv. Red Top Strap Leaf



PRICES OF LAWN GRASS SEED MIXTURES ARE LOWER FOR 1933

# Since 1847 the Most Beautiful Lawns in America are made with The "HENDERSON" LAWN GRASS SEED

A good lawn is unquestionably the most beautiful and most valuable feature of the home grounds; or, in fact, of any landscape developments, including public parks, private estates, suburban plots, or even a city yard. Nothing else can impart the same dignity, or appearance of refinement, or set off the architectural beauty of a building to better advantage than a well-made, well-kept lawn. Furthermore, a beautiful lawn is not only valuable from an aesthetic standpoint, or because it promotes a personal pride of ownership; but, it also possesses real intrinsic value, as it actually increases the value of the property upon which it grows

A lawn made with THE "HENDERSON" LAWN GRASS

SEED is practically permanent. Customers tell us that lawns made with this mixture twenty or more years ago, are as beautiful today as they were in their first flush of youth.

It should be borne in mind when considering the making of a lawn that the cost of the seed represents only a small part of the actual investment.

The labor cost is usually far in excess of the cost of the seed. It is therefore indeed false economy to save a few cents by buying a mixture of grass seeds obtained from a questionable source, only to be obliged to endure the annoyance and expense of continually repatching a weedy, irregular turf, and perhaps being forced to do the entire work over again in a short time.

Henderson's celebrated Lawn Grass Seed Mixture has been thoroughly tested and has proven its worth by country-wide use during three-quarters of a century. It is the fruit of years of our personal experience and study, coupled with that of many of America's foremost gardeners, who steadfastly maintain and unite

with us in saying that it has no superior for American conditions and the American climate. The rapidity with which it will form a deep green velvety turf, has repeatedly aroused comments of astonishment; for, under ordinary conditions, the bare, drab soil will be clothed with a living emerald carpet in four weeks' time.

Quantity Required for New Lawns						
Size of Plot	Square Feet	Quantity				
	100					
20 x 10	200	2 quarts				
20 x 40	800	1 peck				
	4,000					
200 x 200	, 40,000	5 to 6 bushels				
For renova	ting use half of above qu	uantities.				

Price of the "Henderson" Lawn Grass Seed (Delivered Transportation Paid)
40c per qt. 75c for 2 qts. \$1.35 for 4 qts. \$2.25 per peck of 5 lbs. \$4.25 per ½ bushel of 10 lbs.
\$8.00 per bushel of 20 lbs. 100 lb. lots and over \$35.00 per 100 lbs.









#### PRICES OF LAWN GRASS SEED MIXTURES ARE LOWER FOR 1933

#### SHADY NOOK

The Ideal Mixture for Shaded Areas

(See Color Plate Opposite)

On nearly all lawns there are unsightly bare spots under the shade of trees, which have baffled all efforts to get into Grass, but shade of trees, which have battled all efforts to get into Grass, but with this mixture there need be no further difficulty. It is a combination of fine, dwarf growing, evergreen varieties, which in their wild or natural state are to be found growing in the woods or other sheltered and shaded spots. Ground that has been densely shaded by trees is frequently "sour", and if the drainage is defective it is apt to be covered with moss and coarse Grasses. In such cases an application of slaked lime, at the rate of one hundred pounds to each thousand square feet, or two tons to the acre, is an excellent corrective and sweetner, but the moss should be first raked off. Sow seed at the rate of 1 qt. for 100 sq. ft., 1 peck (5 lbs.) for 800 sq.

ft. 5 to 6 bushels per acre.

Price, transportation paid in the U. S., 50c qt.; \$1.65 for 4 qts.; \$3.00 per peck of 5 lbs.; \$5.50 per ½ bu. of 10 lbs.; \$10.00 per bu. of 20 lbs.; \$45.00 per 100 lbs.

#### SEASIDE

Along our seacoast there are many beautiful summer homes and resorts with such sandy saline surroundings and poor soil, that a turf of the favorite lawn Grasses cannot be produced. We have so often made up a mixture of special Grasses to thrive under these trying conditions that we have concluded to offer it for the benefit of others who may be having the same "trouble in getting Grass to grow." Our "Seaside" mixture will make a good turf of green on sand where the finer Grasses will not thrive, though, of course, the sand must be top-dressed with not less than 2 inches of soil before even our "Seaside" Grass Seed is sown, to enable the young Grass to get a start, after which the long roots-peculiar to the varieties we use in this mixture—drive down deeply in the sand and remain permanently self-sustaining, if attention is given to sprinkling during dry weather. Sow seed at the rate of 1 qt. for 100 sq. ft.; 1 peck (5 lbs.) for 800 sq. ft.; 5 to 6 bushels per acre.

Price, transportation paid in the U. S., 50c qt.; \$1.65 for 4 qts.; \$3.00 per pk.; \$5.00 per ½ bu. of 10 lbs.; \$9.00 per bu. of 20 lbs.; \$40.00 per 100 lbs.

#### SUNNY SOUTH

It is especially prepared for the South, and contains all the best Grasses that are by nature adapted for hot, dry situations. In the South, Bermuda Grass is frequently used, but it remains green only in the summer months, turning brown in winter, but by using this mixture, and with some care and attention to watering, an all-theyear-round lawn can be maintained in Southern States where Grasses do not usually thrive. Sow seed at the rate of 1 qt. for 100 sq. ft.; 1 peck (5 lbs.) for 800 sq. ft.; 5 to 6 bushels per acre.

Price, transportation paid in the U. S., 50c qt.; \$1.65 for 4 qts.; \$3.00 per pk.; \$5.50 per ½ bu. of 10 lbs.; \$10.00 per bu. of 20 lbs.; \$45.00 per 100 lbs.

#### SPECIAL STANDARD FORMULAS

Recommended by The New Jersey State Experiment Station.

The department of Agronomy at the N. J. State College Farms at New Brunswick, N. J., has made an extensive study of grasses suitable for lawns in New Jersey and the following recommendations are the result of their studies and experiments.

	1 lb.	5 lbs.	10 lbs.	25 lbs.	100 lbs.
Formula No. 1 with White Clover	.\$0.70	\$3.25	\$6.00	\$12.50	\$45.00
Formula No. 1-A without White Clover	70	3.25	6.00 ~	12.50	45.00
Formula No. 2 for Finest Quality Turf	. 1.00	4.50	8.50	20.00	75.00
Formula No. 3 for Shaded Areas	80	4.00	7.00	16.00	60.00
Formula No. 4 for Poor or Sandy Soil	70	3.25	6.00	12.50	45.00
All of the above are delive	ered tra	ansporta	ation pai	d in the	U. S.

#### WHITE DUTCH CLOVER

An excellent clover for lawns, makes a close compact growth, covering the ground like a carpet. It also prevents the washing out of soil during heavy rains. Thrives well on all soils.

Price, 30c per 1/4 lb.; 50c per 1/2 lb.; 90c per 1 lb.; 10 lb. lot at 85c

#### TERRACE SOD

(See Color Plate Opposite)

This is a special mixture of Grasses best suited for sowing on terraces, embankments and hillsides; Grasses that produce long, strong, spreading roots, thus preventing heavy rains from washing them out; that will withstand drought, thrive on shallow soils, and at the same time produce a rich, velvety-green turf throughout the season. There need be no fear of introducing coarse Grasses into your lawn by sowing this mixture, for, though strong-rooted, the Grasses are equally as fine-leaved as those used in the "Henderson Lawn Grass" mixture.

Sow seed at the rate of 1 qt. for 100 sq. ft.; 1 peck (5 lbs.) for 800 sq. ft.; 5 to 6 bushels per acre.

Price, transportation paid in the U. S., 50c qt.; \$1.65 for 4 qts.; \$3.00 per peck of 5 lbs.; \$5.50 per  $\frac{1}{2}$  bu. of 10 lbs.; \$10.00 per bu. of 20 lbs.; \$45.00 per 100 lbs.

#### TOUGH TURF

For Tennis Courts, Croquet Grounds, Bowling Greens, etc.

(See Color Plate Opposite)

The turf required for outdoor sports must be closely interwovene firm, elastic, smooth, and durable to stand the wear and tear. These requirements are met in this mixture, which is composed of fibrou deep-rooting Grasses that spread and intermingle. The seeds ar blended in the proper proportions to form and maintain a tough matted sward, constantly green, even in dry weather. These varieties of Grasses, being low-growing and fine-leaved, require to be sown liberally if a playing turf is desired quickly; not less than one quart should be used for 100 square feet, or six bushels per acre, although 50 per cent more may be used with advantage. Half that quantity will do for renovating. This mixture has been used with great success at the Rumson Polo Fields, also at the Forest Hills Tennis Courts, the great sport centers for Tennis, and numerous other playing fields.

Price, transportation paid in the U. S., 50c per qt.; \$1.65 for 4 qts.; \$3.00 per peck of 5 lbs.; \$5.00 per ½ bu. of 10 lbs.; \$9.00 per bu. of 20 lbs.; \$40.00 per 100 lbs.

#### SPECIAL "BENT FORMULA"

It Makes Every Lawn Like a Putting Green

(See Color Plate Opposite)

On account of the growing popularity of golf in recent years, the question has many times been put to us by our customers, "Why can't I have a lawn that looks like a Putting Green?" Our answer to this was to make up a combination of the finest recleaned grasses, using as a basis for this mixture the imported and domestic Bent Grasses which are so largely used in the finer Putting Greens of todav.

A lawn seeded with this mixture and properly cared for will in truth make every lawn a Putting Green. On a lawn of this type, Clock Golf and other lawn games may be enjoyably played.

It is imperative in maintaining a lawn of this type, that the grass should be kept cut short and well rolled all through the season. Starvation of the grass plants is the most frequent cause of unsatisfactory lawns, and grass needs constant small applications of fertilizer and plenty of water to maintain a perfect lawn.

Also, every spring apply a dressing of Henderson's Lawn Enricher. Broadcast this, using ten pounds for each 200 square feet, and water it in thoroughly with a hose.

We advise seeding at the rate of one pound to cover a space of 10 x 20 or 200 square feet.

Price, transportation paid in the U. S. \$1.00 per lb.; 5 lbs. \$4.50; 10 lbs. \$8.50; 20 lbs. \$16.00; 100 lbs. \$75.00.

There is a Special Henderson Grass Seed Mixture for Every Purpose. Our pamphlet "How to Make a Lawn" is enclosed in every package or bag. It tells how to make a new lawn, or renovate an old one.



The Beautiful Gridiron at the U.S. Naval Academy, Annapolis, Md. Made with Henderson's Athletic Field Grass Seed

#### Henderson's Renowned Sports Turf Grass Seed' Mixtures Henderson's

For Athletic and Polo Fields, Stadiums, Parks, Baseball, Football Grounds, Etc.

#### ATHLETIC FIELD

As it is the opinion of authorities on field sports, that a perfect turf is an absolute necessity for perfect play, and because the constant grilling of hard foot-wear on a sports field demands a turf composed of a combination of deep-rooting, fine-leaved grasses possessing extraordinary resistant and tenacious qualities, it is for these reasons that Henderson's Athletic Field Grass Seed Mixture is invariably chosen by Collegiate and Scholastic, as well as by Pro-fessional League, Mercantile and other Athletic, Baseball and Foot-ball Associations.

Henderson's Athletic Field Grass Seed Mixture produces a close, compact and densely matted turf of great resiliency, though free from slipperiness. The grasses are fine-leaved, deep-rooting and of an attractive green. The seed, if sown under proper conditions, should

form a turf, ready for mowing, in about four weeks from sowing.

Many of the leading Athletic, Baseball and Football Clubs are using this grass seed mixture with complete satisfaction. Besides those illustrated on this page, we may mention The Polo Grounds; N. Y., West Point, Annapolis, Yale University, Harvard University, Princeton University, Culver Military Academy, and many others

Sow at the rate of 150 lbs. to 200 lbs. per acre according to soil conditions

Price of Henderson's "Athletic Field Grass Mixture," 50c per lb.; 25 lbs. \$9.00; \$30.00 per 100 lbs.; transportation paid. Write for special prices on large quantities.

#### AIRPORT

A careful survey and study of the turf requirements for Aviation Fields and Air Ports has resulted in the special mixture offered herewith. It is composed primarily of extremely hardy low growing grasses, requiring a minimum amount of mowing. Our mixture is similar to the specifications recommended by the Aeronautics Branch of the U. S. Dept. of Commerce. Write for special prices.

#### POLO FIELD

Used on the Leading American Polo Fields.

This is a special blend of deeprooting, fine-leaved, turf-forming Grasses, especially suited for Polo Grounds. This mixture forms a thick, strong enduring turf that will stand any amount of hard usage without showing wear and tear. It grows quickly, and if soil and conditions are at all favorable, with attention to rolling and mowing, should be ready for hard use in eight seaks from sowing.

The refreshing green and the close turfwhich have attracted the attention of hundreds of thousands of patrons of the prin-

Field Grass Seed Is dreds of thousands of patrons of the principal Polo Grounds of the country—were produced by this special mixture. Among others we may mention the Polo Grounds at Meadowbrook, Newport, Lakewood, Rockaway Hunt, Saratoga, also some of the leading Polo Fields in the West and Middle West.

Sow at the rate of 150 lbs. to 200 lbs. per acre according to soil conditions

Price 50c per lb.; 25 lbs. \$10.00; \$35.00 per 100 lbs.; transportation Write for special prices on large quantities.



Henderson's Athletic Field Grass Seed Is Ideal for Camps



# Henderson's Golf Course Grass Seed Superior Mixtures

Used on Many of America's Famous Courses

Mixtures of Grass Seeds that have been scientifically blended by experts in the production of turf for Golf Courses are preferred by experienced greenkeepers. They have learned that a quicker and more uniform stand of grass is obtained where a mixture is employed; also that the resulting turf possesses greater qualities of endurance

In the first place a mixed turf is not so readily influenced by adverse atmospheric conditions of drought or excessive moisture as one composed of a single variety of grass, because the feeding roots are not all grouped in the same depth of soil and consequently are not all affected by a localized soil condition. Perhaps the paramount advantage, however, lies in the fact that it has been proven that turf composed of a mixture of grasses is far less susceptible to the ravages of fungus diseases—like Brown Patch—than a Green containing one variety of grass only.

#### **PUTTING GREEN**

(Bent Formula)

Putting Greens sown with a properly blended mixture of grasses are in most cases far superior to those on which only one variety was sown. They come into play quicker after seeding; they present a more attractive appearance from early spring to late fall; and due to the fact that the roots draw their nourishment from various depths in the soil, a more resistant and durable turf is formed.

This mixture contains a large percentage of the various Bents and is the best that scientific skill and many years of experience can produce. Sow from 75 to 100 lbs. for the average sized 90 x 90 ft. green.

Price, 90c per lb.; 10 lbs. \$8.00; 25 lbs. \$18.00; \$65.00 per 100 lbs.; transportation paid.

#### **FAIRWAY**

On most Golf Courses the Fairways receive far less attention than the Putting Greens; it is therefore important that a mixture of grass seeds be sown that will produce a fine, well knit elastic turf, requiring a minimum amount of attention. The importance of good Fairways cannot be overestimated, for walking on a springy turf that is pleasing to the eye, is one of the added attractions of the

This mixture is specially blended to fulfill these requirements. Sow 150 to 200 lbs. per acre, according to the nature of the soil. For renovating, use half this amount.

Price, 50c per lb.; 25 lbs. \$9.00; \$30.00 per 100 lbs.; transpor-

tation paid.

#### FAIRWAY-BENT

There is an increasing demand for Bent in the Fairways and Polo Fields, so we have blended a special formula containing a good percentage of South German, Rhode Island, and Colonial Bents, with other Fairway grasses adaptable for most soil conditions. Price 75c per lb.; 10 lb. \$6.00; 25 lbs. \$14.00; \$50.00 per 100 lb transportation poils. 100 lb.; transportation paid.

#### SPECIAL MIXTURE FOR BUNKERS

As bunkers and mounds frequently become extremely dry and parched, we have developed a mixture that will give satisfaction under these trying conditions.

Price, 50c per 1b.; 25 lbs. \$10.00; \$35.00 per 100 lbs.; transpor-

tation paid.

#### SPECIAL MIXTURE FOR THE ROUGH

As more attention is now given to the refinements of the game. the Rough is no longer allowed to be covered with weeds, but is sown with a recleaned grass seed mixture such as offered here in order to produce a fair, though not unduly troublesome penalty for the players

Price, 40c per lb.; 25 lbs. \$7.50; \$28.00 per 100 lbs.; transportation paid.

#### SPECIAL MIXTURE FOR TEES

This Special Mixture is composed of extremely deep rooting grasses that will stand great wear, combined with the stoloniferous types that will cover the divot scars quickly. Sow at the rate of 10 lbs. to 1,000 square feet.

Price, 50c per lb.; 25 lbs. \$10.00; \$35.00 per 100 lbs.; transpor-



10th Green and Clubhouse-The Links, Roslyn, L. I.



6th Green at Woodstock, Indianapolis, Ind.



18th Green, North Hills Country Club, Douglaston, N. Y.

# HENDERSON'S VEGETABLE SEEDS

Our Prices Have Been Reduced to the Lowest Point, Consistent with the Production of Quality Seeds

The varieties of vegetable seeds offered on the following pages are the highest developments in their respective classes and have by rigid tests, as required for the Henderson Standard of Excellence, proven their worth to occupy space in this catalog. Many of them are varieties that were originated by us during the four score years of our existence, and which today are household words throughout the vast expanse of this great land.

It has always been our aim to describe all of our offerings accurately and truthfully, which in many cases has necessitated a rather long description. This year we have applied the blue pencil and boiled them down, so that the outstanding facts concerning a variety may be seen at a glance.

For busy gardeners, we recommend the Vegetable Seed Collections offered on pages 59 and 60.

ASPARAGUS

CULTURE.—Asparagus may be grown in almost any soil or situation, but special success is attained in thoroughly enriched, deeply dug lasting for many years. Asparagus may be grown from seed, but as it should not be cut before it is three or four years old, time is saved by buying and planting roots.

#### 207 GIANT WASHINGTON, (Seed) Largest, Early, Productive and Rustless Variety

Developed under the auspices of the United States Dept. of Agriculture, this has become the most popular variety in cultivation, primarily because of its immunity to the dreaded rust disease. The shoots are of giant size, very vigorous, straight and of superb quality. Color dark green tinged with purple. (See illustration.)

Price: pkt. 15c; oz. 30c; ¼ lb. \$1.00; lb. \$3.00; transportation paid.

#### ASPARAGUS ROOTS

One to two years' time is saved by planting roots, which we can supply from November 1st to May 15th. One hundred roots will plant a plot 6 ft. x 50 ft. which is enough for an ordinary family.

#### GIANT WASHINGTON

Per 100 Per 500 Per 1,000 \$3.00 \$14.00 \$25.00 Three-year-old roots. 4.50 21.00 40.00 (Buyer pays transportation charges according to zone rates.) 100 two-year-old roots will weigh about 8 lbs. 100 three-year-old roots will weigh about 20 lbs.

#### PALMETTO

Large, early, a strong, quick grower, prolific and continuous yielder; the stalks, large and uniform under ordinary culture, average nearly an inch in diameter, retaining their thickness up to their plump tips. The usual bunches of 15 shoots measure 13½ inches in circumference and weigh about 2 pounds. For quality Henderson's Palmetto is peerless, meltingly tender and of delicious flavor. The Palmetto is equally adapted to all sections North and South.

Per 100 Per 500 Per 1,000 \$2.25 \$10.00 \$18.00 30.00 Two-year-old roots..... Three-year-old roots..... 3.50 16.00 100 2-year-old roots (Buyer pays transportation charges according to zone rates.)

will weigh about 8 lbs. 100 3-year-old roots will weigh about 20 lbs.

#### 201 ARTICHOKE

#### Large Green Globe

The best strain of this favorite French delicacy. In the latitude of New York the Globe Artichoke is grown as a biennial, namely, the seed is sown one year, the plant develops during the growing season and is carried through the winter with a slight protection of leaves or straw. The following season the large globes or flower heads are produced. (See illustration)

duced. (See illustration.)
Price, pkt. 20c; oz. 75c; 1/4 lb. \$2.50; transportation paid.

Agricultural Salt—Asparagus is greatly benefited by a yearly application, see page 171.



Globe Artichoke

# BUSH BEANS GREEN PODDED

GREEN

CULTURE. - Sow every two weeks from early May until August for succession crops

in the latitude of New York. Further south, sow earlier; further north, later. Plant two inches deep in drills two and one-half feet apart. Plant seeds two inches apart, thin out plants to stand four inches apart. They commence bearing in six to eight weeks. 2 lbs. to 100 feet of drill.

2 lbs. = 1 quart 15 lbs. = 1 peck

#### 1 BOUNTIFUL (Henderson's) A Flat, Green-Podded Stringless Variety—Prolific and Continuous Bearer

Introduced by us thirty years ago, this superior stringless bush bean is in greater demand to-day than any other variety in cultivation. The plant is very vigorous, almost immune from disease, hardy, early and prolific. It bears rich green pods, of immense size, thick, broad, extra long, very uniform in shape, solid, meaty and of high quality, meltingly tender and having a delicious flavor exclusively their own. The pods are stringless and entirely free from any tough, membraneous lining when young, and this tender "snap brittle" quality is retained even into maturity. (See illustration.)

Price, pkt. 15c; lb. 40c; 2 lbs. 70c; 8 lbs. \$2. 50; 15 lbs. \$4.50; transportation paid.

#### 4 BLACK VALENTINE

(Henderson's)

For many years this has been a popular variety in bean growing districts for the early or late crop. The plant is very hardy and heat resisting, and is a very prolific bearer. It is therefore a valuable all season variety. The pods are soft green in color, straight, tender and attractive. (See

illustration.)
Price, pkt. 10c; lb. 35c; 2 lbs. 60c; 8 lbs. \$2.00; 15 lbs. \$3.50; transportation paid.

#### 9 BURPEES STRINGLESS

The plants are medium large of somewhat spreading growth with dark green foliage. The pods are medium in length somewhat curved and very thick and meaty. Hardy and productive.

Price, pkt. 10c; lb. 35c; 2 lbs. 60c; 8 lbs. \$2.00; 15 lbs. \$3.50; transportation paid.

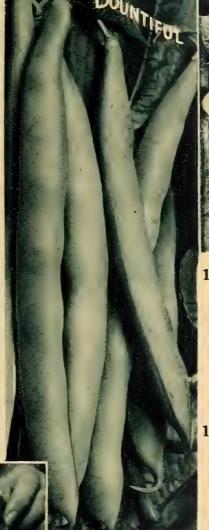
#### 10 DWARF HORTICULTURAL

A green-podded bush variety of the climbing Horticultural. The pods average five inches long and are stout and flat. Used either as snap beans

or for shelling green.

Price, pkt. 10c; lb. 40c; 2 lbs .70c; 8 lbs. \$2.50;

15 lbs. \$4.50; transportation paid.





#### 15 FULL MEASURE (Henderson's)

Full Measure is the result of a cross be tween our old favorites Yosemite Mammoth Wax and Refugees 1,000 to 1. It possesses the best qualities of both parents. The pods are 5 inches long, round podded, firm and stringless. Being very meaty, they remain fit for use many days after maturity.
Price, pkt. 10c; lb. 40c; 2 lbs. 70c; 8 lbs. \$2.50; 15 lbs. \$4.50; transportation paid.

#### 18 GIANT STRINGLESS

Fully an inch longer than Burpee's Stringless. The pods are also larger and heavier in proportion; very meaty, round, brittle, and stringless. The plants bear prolific crops, Price, pkt. 10c; lt. 30c; 2 lbs. 55c; 8 lbs. \$2.00; 15 lbs. \$3.50; transporta-

tion paid

#### 22 "HENDERSON" STRINGLESS

#### A Really Stringless, Round, Green-Podded Bean, Tender and Meaty, Rust-Resisting

This stringless bush bean, introduced by us in 1920, has been received with great appreciation by our customers who grew it. Letters are reaching us from all parts of the country from customers who commend us for the beautiful appearance, absolute freedom from string and fine quality.

The "Henderson" Stringless Bush Bean is absolutely stringless from the first to the last picking and is quite free from rust. The vine is upright, strong and healthy; about one and a half to two feet in height, and bears a heavy crop of meaty, tender pods six to seven inches in length, in about seven weeks from planting the seed. The quality and flavor of the pods are unexcelled, and even when canned they retain their color and flavor just as if freshly picked from the vine. We recommend it to our customers, knowing that it will give great satisfaction. (See illustration.

Price, pkt. 15c; lb. 50c; 2 lbs. 90c; 8 lbs. \$3.50; 15 lbs. \$6.00; transportation paid



# BUSH BEANS 16 RED VALENTINE, Earliest (Henderson's)

GREEN PODDED

1 lb. equals 1 pint 2 lbs. equals 1 quart 15 lbs. equals 1 peck



#### 19 LONGFELLOW

Extra Early, Fine Quality, and of Delicious Flavor

An ideal Snap Bean, producing a fine crop of round, straight, solid, fleshy pods averaging 6½ inches long, wonderfully tender and brittle, without a trace of tender and britte, which tough interlining, and having no string when broken, excepting when the pods are quite old. The flavor is most delicious, quite old. The flavor is most delicious, while the delicate green color of the pods is retained after cooking, adding to its attractiveness when served. The plants are of robust, compact habit, unexcelled in bearing qualities, maturing the crop very regularly. It is extra early, the pods being fit to pick four days before other varieties of approximate size.

Price, pkt. 10c; lb. 40c; 2 lbs. 70c;

8 lbs. \$2.50; 15 lbs. \$4.50; transportation

#### 20 MASTERPIECE (Stringless) A Standard Forcing Bush Bean

This is a splendid forcing variety and is now in great demand; free from string and very tender when cooked. The plants are robust, very prolific, and can be grown outside just as easily as any other bush bean. Price, pkt. 15c; lb. 50c; 2 lbs. 90c; 8 lbs. \$3.50; transportation paid.

#### Henderson's Succession Collection of 34 DWARF GREEN and WAX Bush Beans

These collections are made up of standard varieties, and are selected to give a continuous supply of garden beans throughout the season. Plantings of all

the varieties may be made at one time and they will mature in succession. Black Valentine. Green. Plant for

Refugee 1000 to 1. Green. Plant for

Unrivalled Wax. Plant for early, Wardwell's Kidney Wax. Plant for medium early.

Price, 4 sorts, pkt. each 30c; lb. each \$1.25; 2 lbs. each \$2.25. Delivered transportation paid in the United States.

Full, Round, Meaty Pod. Remains Long Fit for Use

This grand variety is a great improvement over the original Red Valentine, as it is rms grand variety is a great improvement over the original Red Valentine, as it is a very much earlier, and remains fit for use for a long time. The healthy, vigorous plants are unusually hardy, successfully withstanding early frosts; it may therefore be planted very early. It will always yield a large crop of handsome, long, round, fleshy pods, rich green in color and of unsurpassed tenderness when gathered young, when it is practically (See illustration.) stringless.

Price, pkt. 10c; lb. 30c; 2 lbs. 55c; 8 lbs. \$2.00; 15 lbs. \$3.50; transportation paid.

#### 25 REFUGEE or 1000 to 1

Very Prolific. Popular for Pickling

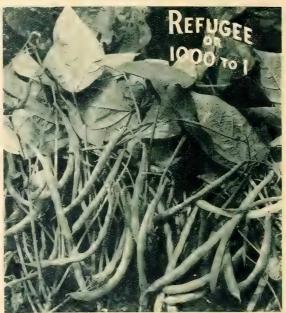
The extremely productive nature of this bean accounts for its extensive cultivation for canning and pickling purposes. Many thousands of bushels are grown annually to supply the demand for the popular German schnitzel beans. The plants grow about 15 inches high. The pods are light green in color, long and slim but slight string. An ideal fall cropping variety. (See illustration.)

Price, pkt. 10c; lb. 30c; 2 lbs. 55c; 8 lbs. \$2.00; 15 lbs. \$3.50; transportation paid.

#### 27 STRINGLESS BLACK VALENTINE (Novelty)

There are few beans that have achieved the universal popularity of the old Black Valentine, because there are none more dependable, in cold, dry or wet seasons. Its only objection especially for the home gardener was that these beautiful beans developed strings. Vears of effort were spent to develop a bean possessing all of the good qualities of Black Valentine, but stringless. We are now happy to offer a perfectly stringless type of this splendid bean, but possessing all of the other good qualities of its progenitor. sturdy constitution, beautiful, straight soft green pods, produced in abundance. Stringless Black Valentine is also a good forcing variety.

Price, pkt. 15c; lb. 50c; 2 lbs. 90c; 8 lbs. \$3.50; 15 lbs. \$6.00; transportation paid.



#### **TENDERGREEN** 28

(Henderson's)

Bears a Profusion of Exquisitely Tender Green Pods—Absolutely Stringless, very Prolific

(See Color Plate, Page 19)

A product of our own trial grounds, grown, hybridized and selected under our own care. We take great pleasure in offering it to our customers so that they may "know the joy of eating beans without strings." We have accumulated stock enough to offer it this year in packets and lbs., but orders must be sent in early, as they will be filled in the order they arrive. We advise early orders, as stock is limited.

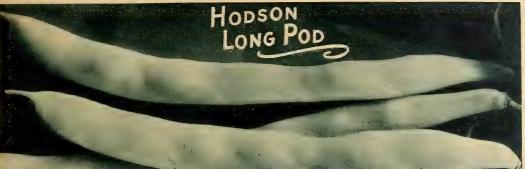
Price, pkt. 15c; lb. 70c; 2 lbs. \$1.25; 8 lbs. \$4.50; transportation paid. (See illustration.)



CULTURE.—Sow every two weeks from early May until August to supply a succession in the latitude of New York. Further south, sow earlier; further north later. Plant 2 inches deep in drills 2 to 2½ feet apart. The seeds should be dropped about 2 inches apart and the plants thinned out to stand about 4 inches apart in the They commence bearing in six to eight weeks, according to the variety. 2 lbs. to 100 feet of drill.

# BUSH BEANS

WAX PODDED



1 lb. equals 1 pint 2 lbs. equals 1 quart 15 lbs. equals 1 peck

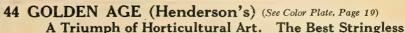
#### 35 BLACK WAX

(Henderson's Improved)

One of the oldest varieties grown, which has been so greatly improved that it compares favorably with newer sorts. It is very early, enormously productive and of fine quality.

Price, pkt. 10c; lb. 40c; 2 lbs. 70c; 8 lbs. \$2.50; 15 lbs. \$4.50; transportationpaid.

tionpaid.



Wax Bean Extant

We have named this supreme product of the horticultural art "Golden Age," because we believe its advent is an achievement in the science of plant breeding. Besides being absolutely stringless it is remarkable for its rust-resisting and diseaseresisting qualities. The plants are vigorous in growth, and bear heavy crops of transparent, tender, golden waxy pods, delightful to the eye, and ready to pick in 45 days from the planting of the seed.

Price, pkt. 15c; lb. 70c; 2 lbs. \$1.25; 8 lbs. \$4.50; transportation paid.

#### 50 HODSON LONG POD

Enormous Yielder. Never Affected by Rust or Blight

The strong, sturdy plants often attain dimensions 2½ feet in height, and bear great quantities of long, meaty pods, measuring 7 to 8 inches in length and of a waxy cream-yellow color. The ample foliage sheltering the pods from the hot sun renders them exceptionally tender, brittle, and if picked before too old they are stringless, free from fibre and of fine table quality.

This variety is remarkably free from bean diseases. Not a trace of rust, blight or mildew has ever appeared on a plant or pod in our trial grounds or fields during the years we have been growing it. (See illustration.)

Price, pkt. 10c; lb. 40c; 2 lbs. 70c; 8 lbs. \$2.50; 15 lbs. \$4.50; transportation paid

#### 55 SURE CROP STRINGLESS

Clear Amber Yellow Stringless Pods

This variety is well adapted for market purposes because of its vigorous growth, productiveness and hardiness. Pods are rich yellow, 6 to 7 inches long, entirely stringless at all stages of development.

Price, pkt. 10c; lb. 40c; 2 lbs. 70c; 8 lbs. \$2.50; 15 lbs. \$4.50; transportation

paid.

56 UNRIVALED Earliest Wax Podded Variety Grown

It is above all else the earliest Wax Bean within our knowledge. We have found it two days earlier than any other in our trials, which alone renders it extremely valuable. The color develops very early in the growth of the pods, which remain tender for a long period. The flavor is excellent, and both plant and pod are free from rust and blight. (See illustration.)

Price, pkt. 10c; lb. 40c; 2 lbs. 70c; 8 lbs. \$2.50; 15 lbs. \$4.50; transportation

#### WARDWELL'S KIDNEY WAX

One of the best large podded wax beans. Very robust and hardy, producing heavy crops of broad, long, flat waxen pods not liable to rust.

Price, pkt. 10c; lb. 40c; 2 lbs. 70c; 8 lbs. \$2.50; 15 lbs. \$4.50; transportation

# SHELL BEANS

#### 7 BOSTON SMALL PEA

One of the oldest beans in cultivation. This the popular baking bean makes a vigorous growth 14 to 18 inches in height and bears its small pods, which, usually contain six small seeds in great profusion.

Price, pkt. 10c; lb. 30c; 2 lbs. 55c; 8 lbs. \$1.75; 15 lbs. \$3.25; transportation

paid.

#### WHITE MARROW

A very popular shell bean. The plants are vigorous and productive. range from 5 to 6 inches in length and produce from five to seven seeds, ivory white in color.

Price, pkt. 10c; lb. 30c; 2 lbs. 55c; 8 lbs. \$1.75; 15 lbs. \$3.25; transportation



ax beans from your own garden are not only a delicacy but they possess a high food value.

# **BUSH LIMA BEANS**

1 lb. equals 1 pint 2 lbs. equals 1 quart 15 lbs. equals 1 peck

CULTURE—These dwarf or bush forms of pole limas come into bearing much earlier and do not require poles or other support to climb on; and they continue in bearing for weeks. Being more tender than Dwarf Snap Beans the seed cannot be planted as early. Plant about the middle to latter

part of May around New York. The rows should be two and one-half feet apart, the seed sown edgewise in the drills six to twelve inches apart in the rows and covered one inch and the plants thinned about six inches apart. They commence bearing in from twelve to fifteen weeks according to the earliness of the variety. Do not brush against bean foliage when wet. 1 lb. to 100 ft. of drill; 60 lbs. per acre in rows.



#### 66 DREER'S

This variety is desirable on account of earliness, productiveness, and its fixed habit of growing in the dwarf or bush form. Beans are oval in shape and thick, sweet and succulent.

Price, pkt. 10c; lb. 45c; 2 lbs. 85c; 8 lbs. \$3.00; 15 lbs. \$5.25: transportation paid.

#### 72 FORDHOOK

A stiffly erect Bush form of the "Potato" Lima Bean bearing well above the ground, and branching freely, but with all the branches held strongly upright. The pods, borne in "clusters' of a medium green color, of a good size, containing three to five large beans of very good quality. (See illustration.)

Price, pkt. 15c; lb. 50c; 2 lbs. 90c; 8 lbs. \$3.25; 15 lbs. \$5.75;

transportation paid.

#### 75 "HENDERSON"

#### The Original "Baby" Lima Bean

It produces a continuous crop from the time it comes into bearing (it is fit for the table in the latitude of New York middle of July) until frost, and being enormously productive, a very small patch will keep a family supplied with this splendid vegetable through the season. The plant forms a compact bush about 18 inches high. The Beans are the size of the Sieva or small 18 inches high. The Beans a Lima, and of delicious quality

Price, pkt. 10c; lb. 40c; 2 lbs. 70c; 8 lbs. \$2.50; 15 lbs. \$4.50;

transportation paid



#### 69 EARLY GIANT (Henderson's)

#### True Bush, Enormous Pods and Beans

This variety is the best possible Bush Lima Bean, possess ing every quality so long known and esteemed in the older pole varieties, and can be grown as easily as any Snap Bean. It is the earliest of the large bush sorts.

The strong, rugged plants of true bush form, 11/2 feet in height, are of healthy, sturdy upright growth, requiring neither poles nor stakes—and bear from July until frost, almost unbelievable quantities of 5- to 6-inch pods, each containing usually four large, thick beans averaging as large as those of the large pole Limas, and whether used green or cured, they are of superb quality—tender, rich and buttery, the true Lima flavor.

In the green state their tender freshness is maintained beyond the ordinary, accounted for by the pods being unusually fleshy and thick and the foliage luxuriant and sheltering. First pickings fit for the table may be taken in the latitude of New York in July, and from that time until killed by frost a continuous supply of this most delicious of beans may be gathered. (See colored plate page 20.)

Price, pkt. 15c; lb. 50c; 2 lbs. 90c; 8 lbs. \$3.25; 15 lbs. \$5.75; transportation paid

#### 78 "IMPROVED HENDERSON"

#### Yields Continuously from Early Summer to Frost-Suitable for all Sections North and South

The original Bush Lima Bean, the "Henderson," was defective in size, and though because of its extreme earliness, thousands of our customers were enabled to grow Lima Beans where none had grown before, the defect remained until the introduction of the Improved "Henderson," which is at least 50 per cent. larger than the original. Though a day or two later, it is still ten days earlier than other bush forms, and weeks earlier than any of the pole varieties, yet retaining all the remarkable qualities of its predecessor.

It grows as freely and is just as dependable in the North as in the South; in fact, it is suitable for all sections. The quality is excellent, possessing the rich buttery flavor common to all Limas. (See illustration.)

Price, pkt. 10c; lb. 40c; 2 lbs. 70c; 8 lbs. \$2.50; 15 lbs. \$4.50; transportation paid.

81 Special Offer. 1 pkt. each of the 5 Bush Limas offered on this page delivered transportation paid in the U. S., for 50 cents.

CULTURE OF POLE BEANS.—These are planted about the middle of May, in hills from three to four feet apart. From five to six seeds are planted in each hill, about two inches deep. Rough cedar or similar poles seven to eight feet long should be used for Pole Beans to climb on. 2 lbs. to 150 hills. 30 lbs. to the acre in hills.

# **POLE BEANS**

1 lb. equals 1 pint 2 lbs. equals 1 quart 15 lbs. equals 1 peck

#### 92 EARLY GOLDEN CLUSTER—Wax

Large clusters of pods 6 to 8 inches long, and of delicious flavor.

Price, pkt., 10c; lb. 40c; 2 lbs. 70c; 8 lbs. \$2.50; transportation paid.

93 GIANT WAX—(See Color Plate Page 19.)

#### Truly a Giant. Bears Pods 8 to 10 in. Long

It is a very hardy bean; seems to be quite free from rust and bears abundantly big crops of large flat waxy pods, brittle and tender, and often measuring ten inches in length. The color of the pods is a clear amber yellow which makes a group of them It is a sure prize winner.

Price. pkt. 20c; lb, 90c; 2 lbs, \$1.50; transportation paid.



#### 96 OLD HOMESTEAD or Kentucky Wonder

This best and most popular greenpodded snap Pole Bean is a marvel of continued productiveness and is ten days earlier than any other green-podded Pole Bean. First pickings may be made in the latitude of New York early in July, and if gathered as they become ready for "snaps," the vine will continue to produce in abundance until frost.

The pods hang in great clusters from the top to the bottom of the vine and can be gathered by the handful; they are very large, 6 to 8 inches in length, stringless, plump, meltingly tender and of superb flavor. (See illustration).

Price, pkt. 10c; lb. 40c.; 2 lbs. 70c; 8 lbs. \$2.50; transportation paid.

#### 98 SCARLET RUNNER

A 10-foot ornamental vine for shade with dazzling scarlet flowers. Pick pods when half grown for use as "snap.

Price, pkt. 10c; lb. 40c; 2 lbs. 70c; 8 lbs. \$2.50; transportation paid.

#### 100 WHITE CREASEBACK

One of the finest early pole beans. Bears clusters of fleshy green pods 5 to 6 inches long, deeply

Price, pkt. 10c; lb. 40c; 2 lbs. 70c; 8 lbs. \$2.50; transportation paid.

POLE LIMA BEANS are grown in hills three feet apart in rows four feet apart, but being very tender, the seeds should not be planted until the ground has warmed up, about two weeks later than other beans, or in the latter part of May around New York.

#### 82 DREER'S IMPROVED

A thick, almost round, bean of fine quality.

Price, pkt. 10c; lb. 40c; 2 lbs. 70c; 8 lbs. \$2.50; 15 lbs. \$4.50; transportation paid.

#### 90 IDEAL (Henderson's)

Enormously Prolific—Of Gigantic Size—Tenderness and Flavor Superb. The vine does not differ materially from that of the ordinary pole varieties. Its chief distinction lies in the size of the pods, which hang in wonderful profusion on the vines. The average yield is greater than in any other variety.

Though a little later than our early Leviathan, it is just as early as the ordinary pole varieties and continues to produce enormous crops up to frost.

Price, pkt. 10c; lb. 40c; 2 lbs. 70c; 8 lbs. \$2.50; 15 lbs. \$4.50; transportation paid.

#### 88 LARGE WHITE

The old favorite for family use.
Price, pkt. 10c; lb. 40c; 2 lbs. 70c; 8 lbs. \$2.50; 15 lbs. \$4.50; transportation paid.

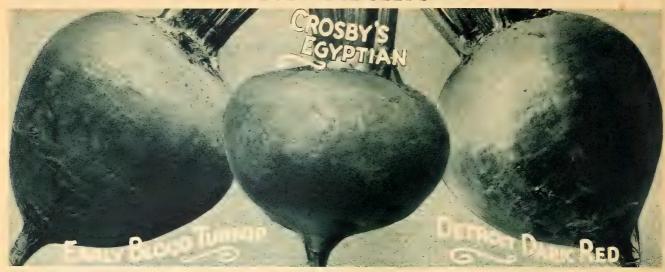
#### 85 LEVIATHAN (Henderson's)

The Earliest Pole Lima Bean Grown. Many growers prefer the pole varieties of Limas. These are, as a class, later than the bush sorts, and consequently in some localities there is a difficulty in maturing the crop. In Northern States, or where by reason of continued cool night, the growth is less rapid, Leviathan will be found admirably adapted.

The plant is strong and takes to the poles more readily than any other sort. It is fully a week earlier than any other pole variety, therefore can be grown successfully where other sorts would be caught by frosts of early autumn. It is a prodigious cropper, producing its pods in large clusters, well filled with large, fleshy Beans, delicate, pale green in color, and possessing in a superlative degree that rich, buttery flavor. (See illustration.)

Price, pkt. 15c; lb. 40c; 2 lbs. 70c; 8 lbs. \$2.50; 15 lbs. \$4.50; transportation paid.





# BEETS

1 oz. to 50 feet of drill; 5 lbs. to the acre in drills.

CULTURE.—The best soil for Beets is light, and enriched the year before with well-rotted manure. For early, sow in spring, as soon as the ground is fit to work in drills about one foot apart and one inch deep. For main crop sow the first week in May, and for winter use, sow in June or July. These dates are for the latitude of New York. South, sow earlier; north, later. When the seedlings have attained three or four leaves, thin out to four inches apart.

'Garden Culture of Root Crops' is forwarded free on request. It describes the culture of Beets and all other root crops.

#### 210 CRIMSON GLOBE (Henderson's)

It is of medium size, generally about 3 inches in diameter, very handsome in shape, a little deeper than round, with a smooth, even surface. The flesh is deep crimson, ringed and zoned in varying shades. It is exquisitely tender, and delicious in flavor. Though it grows quickly enough for very early use, it will remain tender for a very long period. A grand second early and main crop variety. (See illustration). Price, pkt. 10c; oz. 20c; 1/4 lb. 50c; lb. \$1.25; transportation paid.

#### 212 CROSBY'S EGYPTIAN Henderson's Selected Strain

The largest of the very early sorts. It is very quick to attain size. The shape is a little flat, but very uniform. The tops are small, and the whole plant grows easily and quickly. The flesh is somewhat lighter in color than usual, but it is very attractive. It is an excellent variety for early use. (See illustration.) Price, pkt. 10c; oz. 20c; 1/4 lb. 60c; lb. \$1.50; transportation paid.

#### 214 DETROIT DARK RED

Probably the best of the larger sorts. It succeeds equally well at all seasons, and is one of the best to sow in early spring, to succeed the extra early and medium crop sorts. It may be sown about August 1st (in the vicinity of New York) for a crop to store for winter. The flesh is solid, always tender, of good flavor and excellent color. (See illustration.) Price, pkt. 10c; oz. 20c; 1/4 lb. 60c; lb. \$1.50; transportation paid.

#### 216 EARLY BLOOD TURNIP (Henderson's)

Very attractive in appearance, the roots being smooth and uniform, and the color deep blood red. The flesh is tender and sweet, and it is an excellent variety for canning. This variety should be sown for a late crop on account of its quickness in maturing. For winter storage it is unexcelled. (See illustration.) Price, pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.25; trans-

#### 218 EARLY MODEL

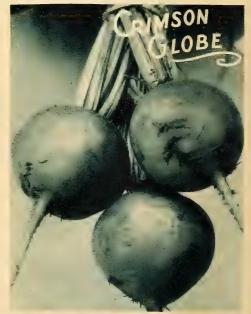
It is medium early, coming in between Extra Early Electric and Crimson Globe. The roots are of good size, slightly oval, and in quality and color it is peerless; very fine-grained, tender and sweet, never woody or stringy. Price, pkt. 10c; oz. 20c; 1/2 lb. 50c; lb. \$1.25; transportation paid.

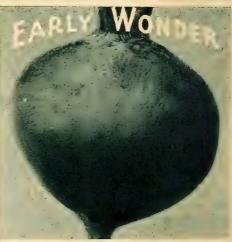
#### 219 EARLY WONDER

Early Wonder matures two weeks earlier than any other marketable beet, and one of its good points is that entire fields can be harvested at one time because all the roots mature at the same time. The roots are globe-shaped and uniform in size, the tops are small; the skin is deep red and the flesh a Price, pkt. 10c; very dark red with little zoning. (See illustration.) oz. 20c; 1/4 lb. 60c; lb. \$1.50; transportation paid.

#### 220 ECLIPSE

Exceedingly popular, and one of the best early varieties; of uniform globular shape; flesh bright, glossy red, fine-grained, and unusually tender and sweet. Price, pkt. 5c; oz. 15c; ¼ lb. 45c; lb. \$1.25 transportation paid.





# BEETS\_TABLE VARIETIES\_Continued

#### 222 EDMAND'S BLOOD RED

A handsome, uniform, round, Turnip-shaped Beet, very smooth and of good size; tops small, flesh red and of excellent quality, fine for late. Price, pkt. 5c; oz. 15c; 1/4 lb. 45c; lb. \$1.25; transportation paid.

#### 224 ELECTRIC (Henderson's)

The quality is excellent, tender, sweet, and quite free from tough fibre. The color is most attractive, and its quick-growing habit makes it particularly desir-

Price, pkt. 10c; oz. 20c; 1/4 lb. 50c; lb. \$1.50; transportation paid.

#### 226 EXTRA EARLY EGYPTIAN

An exceedingly early variety and considered by many to be the best of the early garden beets. When sown in the open ground in favorable weather, the roots garden beets. may be pulled for table use in June, at which time they are as big as a small apple, and their flavor is at its best. The root grows almost entirely out of the ground, to which it is held by a slender tap-root. The skin is very smooth; violet-red in color; flesh of a dark blood color. (See illustration.)

Price, pkt. 10c; oz. 20c; 1/4 lb. 50c; lb. \$1.25; transportation paid.

#### (See Color Plate, Page 19.) 231 OVAL GEM (Henderson's)

It is oval in shape, slightly receding toward the base; it is extremely smooth and uniform, medium in size—just the right size for the home garden as well as for making an attractive bunch for marketing. The foliage is small, bronzy green in color. The beets are dark red, slightly ringed; when cooked (which by the way requires less time than the ordinary sorts), the rings disappear, turning the entire beet to the color of a glowing ruby. When sliced or squared, the pieces have a certain translucent appearance which bespeak a melting tenderness, a sweet flavor, and an entire absence of fibra. flavor, and an entire absence of fibre.

Price, pkt. 25c; oz. 60c; ½ lb. \$1.50; lb. \$4.00; transportation paid

#### 238 WINTER KEEPER

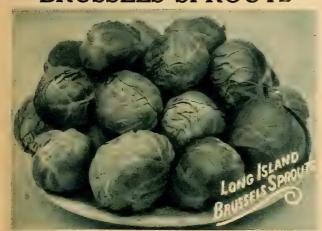
An exceptionally fine, large, solid beet with good keeping qualities and good flavor. It is globular in shape, tapering slightly at the root. The quality is just as good after being stored all winter as when freshly dug.

Price, pkt. 10c; oz. 20c; 1/4 lb. 60c; lb. \$1.50; transportation paid.

For Swiss Chard Beet, see page 50. For Sugar Beet and Mangel Wurzel, see Farm Seed Department page 66.



#### **BRUSSELS SPROUTS**



#### 242 LONG ISLAND STRAIN

(A Special Dwarf Selection.) This is a fine strain of Sprouts grown extensively for the New York market, where they bring a good price, especially during the winter. The plants a large crop. We offer a special dwarf selection.

(See illustration.)
Price, pkt. 25c; oz. \$1.00; ¼ lb. \$3.50; transportation paid.

#### 245 DALKEITH (Henderson's)

A very excellent selection of this estimable vegetable, far too little known to American gardeners. Sown in June in the latitude of New York, it produces an abundant crop of Sprouts—solid, succulent and delicious—in the fall and early winter. Price, pkt. 15c; oz. 50c; 1/4 lb. \$1.75; transportation paid.

#### BROCCOLI

#### 241 RIVIERA (Henderson's)

#### The Improved Italian Type—A Delicious Vegetable

An important place is destined for this succulent vegetable in the diet of the American people, not only for its tender, delicious and savory flavor, but also for its healthful and obesity-reducing qualities, and lastly for its extreme ease of culture.

The plant grows about two feet high, is branching in character, and each branch terminates in a green sprout. When the green sprouts, which are actually a mass of flower buds, have developed to two or three inches across (and before the flowers appear) they are ready for use

It thrives anywhere. For an early crop, start the seed in a cold frame and transplant seedlings in the open ground after frost.

For late crop, start seed in the open ground during the early Summer months. It is cooked and served like Cauliflower. (See illustration.)

Price, pkt. 25c; ½ oz. \$2.00; 1 oz. \$3.50; transportation paid.



# CABBAGE EARLY AND MID SEASON

CULTURE .- For earliest crop start seed in hotbed in February, cover seed one half inch. Transplant in April, eighteen inches apart in rows and two feet between rows. For late crop start seeds in May or June outdoors in good rich soil and

#### 254 CHARLESTON WAKEFIELD (Henderson's)

The pointed-head Cabbages are preferable to the larger flat kinds. When used fresh from the garden they are of excellent quality, quite free from the coarse rankness so commonly as-sociated with Cabbage. Henderson's Charleston Wakefield is larger, but fully equal in quality to any of its class and ad-mirably suited to succeed the very early sorts.

Price, pkt. 10c; oz. 50c; ¼ lb. \$1.50; transportation paid.

#### 259 EARLYKROP (Henderson's)

The earliest round-headed Cabbage on the market. It finishes with the Earliest Wakefield type; but unlike that type, it remains in perfect condition on the field for a long time without bursting or bolting to seed. This is a very desirable quality for the home gardener who wants his crop to extend over a long period of time.

Price, pkt. 20c; oz. 75c; 1/4 lb. \$2.25; transportation paid.

#### 260 EARLY JERSEY WAKEFIELD (Henderson's Original)

The Best First-Early Pointed-Head Cabbage

The heads are pyramidal in shape, having a blunted or rounded It is beyond question the best variety for spring and early summer in the private garden. Its first appearance brings a welcome change from the hard-headed winter sorts, for Early Jersey Wakefield is attractive in appearance and essentially good in quality. (See illustration.)

Price, pkt. 10c; oz. 50c; ¼ lb. \$1.50; transportation paid.

#### 266 EARLY SUMMER (Henderson's)

As an ideal second-early Cabbage it continues to hold its place. It forms large, flat, round, solid heads, weighing usually 8 to 10 lbs. each. The quality is excellent, tender and sweet.

Price, pkt. 10c; oz. 50c; ¼ lb. \$1.50; transportation paid.

#### 269 GOLDEN ACRE

Golden Acre Cabbage is an early round-headed variety re-sembling Early Market in shape and type, but is smaller. It is also eight to ten days earlier than that well known variety. It will remain on the field for a long time without bursting or bolting to seed.

Price, pkt. 20c; oz. 80c; ¼ lb. \$2.50; transportation paid.

#### 273 PREMIER (Henderson's 1932 Novelty)

In order to prove superior to the number of high quality varieties of cabbage already on the market, a new introduction must possess superior merits. Several years trial convinces us that Premier is superior in every way.

It is the earliest of all the round headed varieties fully 3 to 4 days earlier than Earlykrop. The head is a trifle smaller, the plant is more compact; it can therefore, be planted closer than other sorts, so that quality cabbage can be grown in even the smallest garden. The heads are very firm, and the quality is delicious, tender and succulent. (See colored plate page 20.)

Price, pkt. 25c; oz. \$1.25.

#### 274 SUCCESSION (Henderson's)

The Most Celebrated Second-Early Variety

The heads become solid long before they are fully grown, so that heads of satisfactory size may be cut long before it is at its best.

> only be obtained direct from us. (See illustration.)

#### 262 EARLY MARKET

(Henderson's)



#### 252 AUTUMN KING (Henderson's)

Enormous Solid Heads-Often 20 to 30 lbs. Each

We say without hesitation that it is the finest late Cabbage in this country today, entirely distinct, and the best keeper; it produces enormous solid heads of that desirable sea-green shade.

It produces a greater weight of crop per acre than any other variety, from the fact that it develops very few outer leaves and goes all to head.

A distinct feature of the Autumn King is the peculiarly crimped leaves, which not only add to its appearance, but enable it to be distinguished anywhere. There is no late-keeping variety which maintains its fresh character so long after it has matured. This quality has made it known as "the sweetest Cabbage ever (See illustration).

Price, pkt. 15c; oz. 75c; ¼ lb. \$2,00; transportation paid.

#### 258 DANISH BALL HEAD (Henderson's)

Short Stem

This type has become very popular on account of the great solidity and weight of the heads; it is a strong, vigorous grower, producing large, round, compact heads, almost as hard as iron, weighing when trimmed fully one-fourth more than any other Cabbage of equal size; in consequence, it keeps in choice con-dition until spring.

Price, pkt. 10c; oz. 50c; 1/4 lb. \$1.50; transportation paid.

#### 268 LATE FLAT DUTCH

(Henderson's Selected)

Large, Round, Solid Heads-an Excellent Keeper

It produces very large, round, flattened heads, very uniform, firm and hard, a reliable header even under unfavorable conditions, and is esteemed one of the best late fall and winter keeping Cabbages.

Price, pkt. 5c; oz. 50c; ½ lb. \$1.50; transportation paid

# SAVOY CABBAGE

#### 250 AMERICAN DRUMHEAD SAVOY

The Savoy Cabbages differ from all other in the peculiar crumpled character of the leaves

Although excellent at any season of its growth, the Savoy Cabbage is never at its best until touched by frost. It is sweet and delicious Price, pkt. 10c; oz. 75c; ½ lb. \$2.00; transportation paid.

#### 271 PERFECTION SAVOY (Henderson's)

**Perfection,** both in appearance and quality. The head is medium in size, and the leaves are so distinctly and deeply crumpled as to give almost a mossy appearance, making it thereby highly ornamental.

Its flavor is sweet and delicious, and it is positively the tenderest

cabbage in existence. (See illustration.)
Price, pkt. 25c; oz. 75c; ¼ lb. \$2.25; transportation paid.

# RED CABBAGE

#### 270 MAMMOTH ROCK RED

A large growing select strain, producing very solid heads weighing 10 to 12 lbs. each; color intense dark red.

Price, pkt. 15c; oz. 50c; 1/4 lb. \$1.50; transportation paid.

#### 272 RED DUTCH

A popular hard-headed sort for pickling, etc. The best keeper; not extra large, but of excellent quality.

Price, pkt. 10c; oz. 50c; ¼ lb. \$1.50; transportation paid.

#### CHINESE CABBAGE 257 CHI-HI-LI or CELERY CABBAGE

This variety has a long compact head which resembles celery when the outer leaves are removed. It has the same crisp, nutty flavor. (See illustration). Price pkt. 15c; oz. 80c; 1/4 lb. \$2.50.

This is probably the best-known variety and comes from a different province of China. (See illustration.)
Price, pkt. 10c; oz. 35c; ¼ lb. \$1.00.

#### 255 WONG BOK

This variety produces a short, thick, compact head, closely packed with delicious blanched leaves. (See illustration.) Price, pkt. 10c; oz. 50c; 1/4 lb. \$1.50

# VARIETIES CABBAGE







# CARROTS

will add to the luxuriance of their growth. from early spring to as late as August 15th.

CULTURE.—Prefers a deep mellow soil. Sow seed in April for an early, or in July for a fall, crop. Sow seed half an inch deep in rows twelve inches apart. Thin out to three inches apart. If their growth is checked, carrots split and become rooty. To avoid this water them thoroughly during a drought. An occasional application of liquid manure Make successive plantings so as to insure a constant supply all summer. Seed may be sown

#### 290 CHANTENAY

A popular favorite for its rich orange red color, its fine grained flesh, its superb flavor. Fully developed it averages 6 inches in length, is broad at the neck and narrows gradually to a round

In the latitude of New York, it may be sown in the latter part of April for an early crop, and from the 1st to the 20th of June for the main crop. (See illustration.)

Price, pkt. 10c; oz. 25c; 1/4 lb. 65c; lb. \$1.50; transportation

#### 292 CORELESS (Henderson's) (See Color Plate,

Its beautiful appearance alone wins favor for it wherever grown. Besides its coreless rich red orange flesh, possesses a sweet melting tenderness that appeals even to those who otherwise are not fond of carrots. The shape is cylindrical blunt-pointed about 6 inches long. It is clean skinned, smooth and very

Price, pkt. 15c; oz. 50c; 1/4 lb. \$1.50; lb. \$4.00; transportation

#### 294 DANVERS (Henderson's Selected Half-Long)

A dependable, handsome half-long cylindrical, stump-rooted Carrot of a rich dark-orange color; it grows to a large size; is smooth, and the flesh is very close in texture with very little core. It is a first-class Carrot for all soils, and has yielded 25 to 30 tons per acre, with the smallest length of root of any now grown. It is more easily harvested than the longer types, and is excellent to store for winter, for stock or table use. (See illustration.

Price, pkt. 10c; oz. 25c; ¼ lb. 65c; lb. \$1.50; transportation

#### 296 EARLY FRENCH FORCING

The earliest and largely grown for forcing. Small, almost globular roots, orange-red in color.

Price, pkt. 10c; oz. 20c; ½ lb. 50c; lb. \$1.50; transportation

paid.

#### 298 EARLY SCARLET HORN

Early Scarlet Horn; or "Shorthorn" Carrot is a very popular early variety, 3 to 4 inches long and  $1\frac{1}{2}$  inches in diameter; blunt-rooted.

Price, pkt. 5c; oz. 15c; 1/4 lb. 50c; lb. \$1.25; transportation paid.

#### 300 HALF-LONG RED STUMP-ROOTED

A shapely, stump-rooted variety, of medium size, and one of the best for private gardens for summer use; medium early. Price, pkt. 10c; oz. 25c; ¼ lb. 75c; lb. \$2.00; transportation

#### 302 INTERMEDIATE (Henderson's)

A large, handsome, main crop variety, between half-long and long, with an enormous yielding capacity in deep soils. The root, 10 or 12 inches in length, is very broad at the neck, 2 to 3 inches through, and tapers evenly to the small tap-root. (See illustration)

Price, pkt. 10c; oz. 20c; 1/4 lb. 50c; lb. \$1.50; transportation

#### 304 LONG ORANGE (Improved)

An improved strain of this popular variety for either garden or field culture, roots averaging 12 inches in length and 3 inches in diameter at the top; an enormous yielder and a good keeper. Price, pkt. 5c; oz. 20c; ¼ lb. 50c; lb. \$1.25; transportation paid.

#### 308 OXHEART or GUERANDE

An excellent sort for the private garden, being especially valuable for spring and early summer crop. Its short, stocky character gives it great value on shallow soils, where the larger varieties will not succeed.

Price, pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.50; transportation paid.

#### 309 RED CORE CHANTENAY (New)

We feel confident that the popularity of this new strain will outrival that of the old Chantenay, because in this type, the core has been practically bred out. The color is also deeper and richer which gives the beautifully shaped roots an even more attractive appearance. in all other respects it possesses the fine qualities of its parent, Chantenay.

Price, pkt. 10c; oz. 30c; ¼ lb. 90c; lb. \$2.50; transportation

paid.

#### 310 TENDERSWEET (Henderson's)

(See Color Plate, Opposite)

# The Sweetest, Tenderest and Hardiest Red Carrot Grown.

An outstanding sort for the home gardener because it represents quality at its zenith. It is a favorite with the market grower because its beautiful orange-red color and attractive appearance because its beautiful states sells it on sight. The plant is distinct; the ronage is distinct; purplish green. The roots when fully matured average from 8 to 10 inches long. They taper slightly from the shoulder to a blunt end. It matures but a few days later than the early sorts.

than the early sorts.

Price, pkt. 20c; 3 pkts. 50c; oz. 90c; 1/4 lb. \$2.50; transportation paid.

For Field Carrots, see page 66.

# CARDOON

#### 280 LARGE **SPANISH**

fleshy - leaved Large plants, used as a winter vegetable. The blanched stalks and ribs of the inner leaves when cooked are tender and of an agreeable flavor.

Price, pkt. 15c; oz. 40c; 1/4 lb. \$1.25; lb. \$4.00; transportation paid.







# NEW CABBAGE PREMIER

# FOUR TASTY VARIETIES

#### 69 Early Giant Bush Lima Bean Henderson's

The best of the Bush Limas both in size of pods and beans also in fine quality and earliest of the large bush sorts. (See description on page 12.)

Price, pkt. 15c; lb. 50c; 2 lbs. 90c; 8 lbs. \$3.25; 15 lbs. \$5.75.

#### 241 Riviera Broccoli

A delicious vegetable. For an early crop sow seed in cold frame, transplant in open ground after frost. For late crop sow in open ground in early summer. (See description on page 15.)

Price, pkt. 25c; ½ oz. \$2.00; oz. \$3.50.

#### 273 Premier Cabbage

Earliest of the round head varieties three days earlier than Early Krop of finest quality, plant compact, can be planted closer than other sorts. (See description on page 16.)

Price, pkt. 25c; oz. \$1.25.

#### 322 Primosnow Cauliflower

The earliest high quality Cauliflower yet developed being ten days earlier than Snowball. A decided acquisition. (See description on opposite page.)

Price, pkt. 50c; 3 pkts. for \$1.25.

1 oz. will produce about 2,000 plants
Although Cauliflower may be grown as easily as Cabbage, we urge those who are not familiar with its cultivation to ask for our free pamphlet "Cultivation of the Cauliflower" when ordering.

# CAULIFLOWER



# 323 SNOWBALL (Henderson's)

Incomparably the Best for Spring or Fall Crops. An Excellent Forcer. It Has Won More Prizes Than Any Other Variety In Cultivation

#### The Genuine is Obtainable Only Direct From Us

Beyond all question Henderson's Snowball is the one perfect Cauliflower for the American gardener. In most sections of the United States the best and most satisfactory crop is grown from seed sown outdoors about May 20th and transplanted during July, so that the plants make their best growth during the cooler months. For this crop, Henderson's Snowball is unsurpassed.

Henderson's Snowball Cauliflower, grown from seed sown under glass in February and transplanted after frost, sown under glass in February and transplanted after frost, will produce perfect heads of snowy whiteness in the open ground by June 1st. There is none to equal it in value for forcing under glass for a winter crop, for which it is especially adapted by reason of its compact, upright habit, quick growth, and sure-heading quality. For all purposes and at all seasons it has become indispensable, owing to its reliability in heading, its strong, vigorous habit, and the whiteness of its perfectly formed flowers. It is, without doubt, the ideal Cauliflower, perfect in size, in reliability, in color, and in quality. (See illustration.) quality. (See illustration.)

Price, pkt. 25c; ½ oz. \$2.25; oz. \$4.00; ¼ lb. \$14.00; transportation paid.

#### 320 GILT EDGE ERFURT

A Sure Header—Ideal for Forcing

A de luxe Cauliflower recommended particularly for its superior forcing qualities. The heads are medium in size, pure glistening white with very close compact finely grained curds. The light grayish green leaves are small and compact, which is one of the desirable characteristics that make it so valuable for forcing as well as for growing in small gardens where space is limited. It is a sure header, ideal, in every way

Price, pkt. 50c; ½ oz. \$5.00; oz. \$8.00; transportation paid.

#### 317 EXTRA EARLY DWARF ERFURT

Until we introduced Snowball this was considered the best early variety; plants dwarf and compact, forming goodsized heads; fine for open ground fall crop.

Price, pkt. 20c; oz. \$3.50; ¼lb. \$12.00; transportation paid.

#### Henderson's 1932 Introduction 322 "PRIMOSNOW"

#### The Earliest Quality Cauliflower Ever Offered

This is an ideal type. It possesses many of the characteristics of our famous Snowball—good form, good size, great depth, and above all, a beautiful snow-white, firm head free from ricyness or leafyness. The plant is sturdy; the foliage of fine conformation, the inner leaves being incurved give ample protection to the developing flower. Primosnow is the earliest high quality cauliflower that has ever been developed. It is ready to cut fully 8 to 10 days before such strains as Snowball or Erfurt. (See Colored Plate Opposite.)
Price, pkt. 50c; 3 pkts. for \$1.25.

#### 326 SNOW KING (Henderson's)

#### Produces Fine Medium Sized Heads on Poor Land Where Tender Varieties Fail

It is now possible for the small garden owner to grow excellent Cauliflower even in back yards and small gardens where soil conditions are none too good. Snow King possesses many valuable characteristics one of the most important of these is its **Hardiness**. It is also a winner because of its Earliness. It matures very quickly, and is fully two weeks earlier than Early Dwarf Erfurt.

Snow King will also be enjoyed because of its delicious flavor, its creamy whiteness, and prove to be an invaluable addition to the dietary because of its high vitamin content. The very dark green leaves, shorter than those of most Cauliflowers, are strongly ribbed, which is a sure indication of the hardiness of the plant, and its ability to survive very trying conditions. They curl in at the top, thus protecting the young heads.

We therefore highly recommend Henderson's Snow King Cauliflower for your 1933 garden. Price, pkt. 50c; ½ oz. \$3.00; oz. \$5.00.

# CELERY EARLY and MID-SEASON VARIETIES

CULTURE.—Sow seed soon as frost is out of ground, about one-quarter inch deep. When seedlings are four inches high, they should be cut back about one inch and transplanted into well enriched soil. Set plants six inches apart in rows three feet apart.

#### The Three Plumed Celeries are Early-Self-Blanching-Beautiful and Delicious

# 339 GOLDEN PLUME

(Henderson's Selected)

(See Color Plate Page 29.)

#### Early Maturing-Self-Blanching

Among the reports received by us from growers, one says: "It is a glorified and perfected celery of the Golden Self-Blanching type, but far superior to that old variety."

Henderson's Golden Plume Celery is absolutely the earliest maturing celery grown. It is large, vigorous, and appears to be immune to blight and rust. We highly recommend it to blight and rust. We highly recommend it to the home gardener on account of its ease of culture—it requires no banking—for its attractive appearance, which when fully matured is most inviting; the foliage is creamy yellow, and the stalks creamy white, becoming almost white at the base. It is entirely devoid of any ribs or fibre, and it is brittle, tender, and deliciously flavored. Its earliness, vigor, freedom from disease, large size, attractive appearance, and high quality, promise to market growers of this new variety a very profitable return.

Price, pkt. 25c; oz. \$3.50; 1/4 lb. \$10.00; transportation paid.



#### Self-Blanching—Charming Combination of Rose and Gold

Henderson's Rosy Plume is the result of a cross between folden Self-Blanching and a Red Celery, and it is characterized by the early self-blanching qualities of the former and the sturdiness and delightful piquant flavor of the latter parent.

Price, pkt. 25c; oz. \$1.25; transportation paid.

354 One packet each of the Three Plumed Celeries described above, 50c; transportation paid.

# HENDERSON'S PERFECTED

#### 350 PERFECTED WHITE PLUME (Henderson's)

#### Pure White-Delicate Flavor-Crisp and Succulent

White Plume Celery was introduced by us and is now more popular than ever. It is as easy to grow White Plume Celery as any other vegetable. If the stalks are drawn together when the plant is three-fourths grown and the soil drawn to or pressed around the plant it will soon be fit for use, as the stalk portions of the inner leaves and the heart are white naturally. At maturity the plant is highly ornamental. Its ample white heart and variegated leaves present a beautiful appearance, and the delicate flavor of its crisp, succulent stalks is unequaled. Our stock is finer today than ever and we are fully entitled to name it "Henderson's Perfected White Plume." (See illustration.)

Price; pkt. 10c; oz. 70c; 1/4 lb. \$2.00; transportation paid.

#### 332 EASY BLANCHING

(Henderson's)

(See Color Plate Page 29.)

# Emphatically Distinct from Any Other Sort. The Easiest and Quickest to Blanch. Excels All Late Sorts in Long-Keeping Quality

It excels in the qualities that give Self-Blanching Celeries their value; it bleaches earlier and quicker than any of this class.

It is the longest keeping variety grown (if put away green) excelling in this respect every other sort. It has proved to be among the most valuable additions we have made to the vegetable gardens of the world, and fit to take rank with the many famous varieties of vegetables with which our name is associated.

It enables the market grower to command the market over the entire season, and so easily is it grown that the amateur can produce Celery equal in quality to that which formerly could be grown only by skilled men equipped with years of experience.

The plant is of medium height, of great vigor—having thick, rather than broad, stalks, with shallow ribs. The leaves are slightly but densely crumpled, distinguishing it from any other variety. Its quality is superb.

The stalks are tender and brittle, and the flavor extremely spicy and aromatic.

Price, pkt. 20c; oz. 90c; 1/4 lb. \$3.25; transportation paid.

#### 342 GOLDEN SELF-BLANCHING

(Henderson's)

#### Stalks Thick, Crisp and Brittle. Waxen Yellow. Very Early

An excellent variety of French origin. This is the variety grown largely for market, but it is equally valuable for the private garden. It is very early, blanches quickly and its rich color makes it quite attractive. The habit of the plant is short and stocky; the stalks are broad, thick, very solid, crisp and brittle; the quality is superb, tender and free from stringiness; flavor rich and delightful. It develops a large heart quite early in its growth, which makes the greater part of the plant edible. It is fit for use early in September.

Price, pkt. 20c; oz. \$1.25; ½ lb. \$4.00; transportation paid.

#### 341 GOLDEN DETROIT

#### A New Introduction For 1933 Which Will Be Welcomed By All Lovers Of Celery

A new variety which we are sure will prove to be a decided

The plants are very compact and full hearted. are broad and thick, blanching to a light yellow, and are entirely free from strings. It is of the very finest quality and we believe will become very popular.

Price, pkt. 25c; 3 pkts. 60c

#### 336 GIANT PASCAL

A desirable long-keeping green winter Celery; robust healthy stock, about 2 feet high, making broad, thick, stringless stalks and large hearts, all remaining deep green until blanched by earthing-up or by being stored for winter. It blanches to a pearly white and the stalks are extremely brittle, entirely stringless and exceedingly crisp; in fact, some truckers complain that it cannot be tied into attractive marketable bunches on that account, which, although a disadvantage from their standpoint, indicates its high quality for the private grower; flavor surpassingly rich and nutty.

Price, pkt. 5c; oz. 50c; ½ lb. \$1.50; transportation paid.

#### 338 GOLDEN DWARF (Henderson's)

With a Heart of Cream and Gold

This popular standard long-keeping variety was introduced by us 40 years ago and has for many years been planted almost exclusively by the growers of the famous celery-growing district of Kalamazoo, Mich. Golden Dwarf has a large heart and solid, cylindrical stalks, blanching golden yellow. The flavor is very fine, deliciously crisp and a splendid keeper.

Price, pkt. 15c; oz. 80c; 1/4 lb. \$2.25; transportation paid.

# 348 WINTER QUEEN (Henderson's) The Standard Variety for Winter Keeping

Late Celeries require different treatment from the self-blanching sorts.

After a slight banking up in the open ground the plants are put away in deep trenches to blanch. Kept thus in contact with the earth, they acquire a greater degree of tenderness and flavor.

Winter Queen is a fine selection of Henderson's Golden Dwarf, and has all the qualities which made it popular, plus a larger and fuller heart. It is an excellent variety for a late crop, is very hardy, slow to rot in the trench, and is perfect in quality. (See illustration.)

Price, pkt. 10c; oz. 80c; ¼ lb. \$2.25; transportation paid.

# CELERIAC TURNIP-ROOTED CELERY

CULTURE.—Sow the latter part of April, covering seeds one-quarter of an inch. Thin out to about one inch apart in the row and transplant into rows one and one-half feet apart and six inches apart in a row.

# 358 "SNOWBALL" (Henderson's)

#### (Turnip-rooted Celery)

While one of the most popular vegetables on the European Continent, is regrettably not so well known here.

However, when its superior merits and excellence once become fully known, it will be grown in every American home garden. It is a delicious vegetable of easy culture. The seed should be sown outdoors early in spring and the plants grown like any ordinary root crop. It requires no banking or blanching.

The smooth, round turnip-like roots average three inches across, the flesh is snowy-white, and it has the flavor of a delicious nutty celery. Celeriac may be served in a great number of ways. It is greatly relished in salads and soups, and may also be cooked and served in the same manner as turnips and the like. The foliage of the Celeriac is also valuable for flavorings, soup, etc. (See illustration.)

Price, pkt. 15c; oz. 50c; ¼ lb. \$1.50; transportation paid.

# VARIETIES CELERY



# CHERVIL

#### 360 FRENCH CURLED

The young aromatic leaves are much used in soups and salads.

Price, pkt. 10c; oz. 20c; ½ lb. 60c; lb. \$1.50; transportation paid.

#### **CHICORY**

#### 365 LARGE-ROOTED

"The Barbe de Capucin" of the French. It is very easy to grow and is also used in summer as greens.

in summer as greens.

Price, pkt. 10c; oz. 25c; ¼ lb. 75c;
lb. \$2.50; transportation paid.

#### 367 WITLOOF CHICORY

Called also "French Endive."
Price, pkt. 10c; oz. 25c; ½ lb. .75c; lb. \$2.50; transportation paid.

A collection of Herbs is a valuable addition to the garden. See page 56.

SWEET CORN EARLY VARIETIES

CULTURE.—Sweet or Sugar Corn may be either planted one inch deep in rows three to four feet apart, and the seeds placed about eight inches apart in the rows, or planted in hills at distances of three or four feet each way, according to the size of the variety grown. The taller the variety or weeks until the last week in July. In more southerly latitudes planting is begun earlier and continued later. The earliest varieties are ready for the table in eight or nine weeks from planting and the late varieties in from eleven to twelve weeks. 1 lb. for 150 hills, 12 to 15 lbs. per acre.

#### 119 GOLDEN BANTAM

#### The Famous Sugar Corn

(See Color Plate, Page 29.)

A Gem for the Small Garden-Small Ear of Remarkable Quality and Flavor

Golden Bantam is a dwarf medium early variety of exceptionally good quality and reliability. It has become one of the most popular varieties in our list. The plant is about 5 feet high, medium early, but exceptionally stocky and vigorous. It is particularly well adopted to small gardens on account of its small size; to the more pretentious garden on account of its excessive

cropping ability on a given area.

It may be planted to advantage in hills 3 feet apart each way. If in rows hills 3 feet apart each way. If in rows they should be 3 feet apart and the plants singly at 12 inches apart. It is probably the best to use where only one sort is planted, for it succeeds admirably under all conditions.

Price, pkt. 15c; lb. 40c; 2 lbs. 75c; 8 lbs. \$2.75; 15 lbs. \$4.50; transportation paid

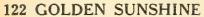
tion paid.

#### 120 GOLDEN GEM

We have found it to be six to eight days earlier to mature than Golden Bantam which is, of course, a great advantage. We are sure, that it will be a great favorite with the amateur

gardener on account of the early date upon which it matures and its wonderful honey-sweet quality.

Price, pkt. 25c; lb. 90c.; 2 lbs. \$1.50; transportation paid.



Blue skies and golden sunshine have combined their chemistry to produce the nectar-like sweetness of this delicious variety The ears are very compact, about the same size as Golden Bantam, but more refined in appearance, having from 10 to 12 rows of grains instead of 8 as Golden Bantam. It is a very rapid grower.

Price, pkt. 10c; lb. 40c; 2 lbs. 75c; 8 lbs. \$2.75; 15 lbs., \$4.50; transportation paid.

#### 116 METROPOLITAN (Henderson's)

(See Color Plate, Page 29.)

#### The Largest and Best White Early Variety

Metropolitan combines the essential features of earliness, pro-The pure white ears are from 8 to 9 inches long and all set low

They are 10 to 12 rowed, well filled to the tip with large, deep grains, which are very tender. It is not merely sweet, but possesses that exquisite richness so well known in the larger and later sorts

Price, pkt. 10c; lb. 40c; 2 lbs. 75c; 8 lbs. \$2.75; 15 lbs. \$4.50; transportation paid.

#### 127 POCAHONTAS (Henderson's)

The plant is of dwarf habit and very robust. The ears are snow white of good size and are always well filled, having no gaps between the rows. The flavor is excellent.

Price, pkt. 10c; lb. 40c; 2 lbs. 75c; 8 lbs. \$2.75; 15 lbs. \$4.50; transportation paid:

#### 129 SILVER BANTAM (Henderson's)

(See Color Plate, Page 29.)

The flavor of the silvery-white grains "reminds one of honey and cream," says one who has been privileged to feast upon it, and this characteristic is undoubtedly its outstanding recommen-We may add that like its golden-hued twin it will be a dation. great favorite with all garden owners whether their gardens be large or small, because of its delicious sugary flavor and milky kernels.

Price, pkt. 15c; lb., 60c; 2 lbs. \$1.00; 8 lbs. \$3.50; transportation paid.



#### 132 SUGARSWEET (Henderson's)

(See Color Plate, Page 29.)

#### Superlatively Sweet-Temptingly Tender-A Delicious Morsel

This is one of the earliest varieties. The dainty snow-white ears grow to a length of 5 or 6 inches, and each ear has an ample stem or handle, which should be left on when cut, so that when served at the table the ear will be more convenient to hold. Served in this manner, and eaten from the ear, it makes a very dainty and delicious morsel

Our grower remarked when testing this corn for quality, that he had been growing sugar corn for a great many years, and knew all the leading varieties, but that he was sure that Sugarsweet excelled them all.

The dwarf size of the stalks, which never attain a height of more than 4 feet, enables the suburbanite to raise more corn on the same space of ground. It is one of the very few varieties that will thrive well in city back-yards.

Price, pkt. 15c; lb. 60c; 2 lbs. \$1.00; 8 lbs. \$3.50; transportations of the very few varieties.

tation paid.

#### 109 WHITE COB CORY

Extremely early, fit to use in 50 to 60 days from planting. Ears about 6 to 7 inches long, with milky white kernel plants dwarf, bearing usually 2 ears to a stalk.

Price, pkt. 10c; lb. 35c; 2 lbs. 65c; 8 lbs. \$2.25; 15 lbs. \$4.00; transportation paid

#### 135 CONTINUITY COLLECTION OF SWEET CORN (Henderson's)

Seeds of the entire collection should be planted at one time, otherwise the succession will be broken.

Pocahontas for Extra Early. (See page 24.)

Metropolitan for Early. (See page 24.)

Golden Bantam for Medium Early. (See page 24.)

"Country Gentleman" for Mid-Season. (See page 25.)

Stowell's Evergreen for Late. (See page 25.)

Prices of Henderson's "Continuity" collection of Sweet Corn. Transportation paid.

- 1 packet each of 5 varieties (sufficient for 125 hills) \$0.45 1 lb. each of 5 varieties (sufficient for 600 hills) \$1.75 2 lbs. each of 5 varieties (sufficient for 600 hills)....\$1.75 2 lbs. each of 5 varieties (sufficient for 1,200 hills)....\$3.25

# MID-SEASON and SWEET CORN

#### 101 BLACK MEXICAN

Medium early, bearing 8-inch ears. Well filled with large kernels, which paradoxically though black when ripe, are white when "green" and then exceptionally sweet.

Price, pkt. 10c; lb. 35c; 2 lbs. 65c; 8 lbs. \$2.25; 15 lbs. \$4.00; transportation paid.

#### 107 COUNTRY GENTLEMAN (Henderson's)

# The Most Delicious Sweet Corn in the World Plump, Pearly-white, Milky Kernels, Fairly Melting in the Mouth

Plump, Pearly-white, Milky Kernels, Fairly Melting in the Mouth
When we first placed this Corn before the public in 1892, it created a great furore among Corn
lovers—and who is there in America who does not enjoy "green Corn on the Cob."
These first impressions have been fully justified by later experiences, and the Country Gentleman Corn has become justly famous all over the United States and in some foreign countries
as well. It is at once the delight of the epicure and a luxury within the reach of everybody.
It is of nectar-like sweetness, luscious, tender and milky, and remains "in the milk" longer
than other Sweet Corn. The ears measure 8 to 9 inches in length, and the plant is very prolific,
often producing three ears to a stalk. It is a slow-maturing variety and arrives at full perfection just in time to succeed the earlier varieties. (See illustration.)
Price, pkt. 10c; lb. 40c; 2 lbs. 75c; 8 lbs. \$2.75; 15 lbs. \$4.50; transportation paid.

#### 123 GOLDEN COUNTRY GENTLEMAN (Henderson's)

(See Color Plate, Page 29)

#### It Delights Both the Eye and the Palate

A few years ago we conceived the idea that it would be a great accomplishment if we could combine the nectar-like sweetness and milky character of Country Gentleman with a golden

Our efforts were rewarded with unlooked-for success in retaining, as we have been able to do, all the sugary sweetness, tenderness and lusciousness of the original Country Gentleman with the rich golden color now in such favor with lovers of sweet corn. Its appearance is most inviting—the color being a glistening, glowing, golden yellow, hard to describe or even to reproduce in a colored plate.

The ears are not quite as large as white Country Gentleman but the remarkable depth of

kernel characterizing the original variety is fully retained in the new, as well as the ball-shaped ends of the kernels. It matures a few days earlier than the white.

Price, pkt. 15c; lb. 60c.; 2 lbs. \$1.00; 8 lbs. \$3.50; transportation paid.

#### 121 GOLDEN ROD (Henderson's)

(See Color Plate, Page 29)

#### Delicious Golden Grains of Rich Flavor

When the existing yellow or golden colored varieties were introduced, it was hard to convince the public of their value; but as everyone who tasted them became enthusiastic in publishing their praise, they soon came into favor.

Golden Rod is the result of a cross between Stowell's Evergreen and Golden Bantam, and proves to be a happy and complete blending of each sort. The ear is just large enough for ordinary consumption. The plants are 6 to 7 feet high, and bear on each stalk, at a convenient height, two ears packed with delicious golden grains of appetizing flavor.

Price, pkt. 15c; lb. 40c; 2 lbs. 75c; 8 lbs. \$2.75; 15 lbs. \$4.50; transportation paid.

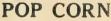
#### 130 STOWELL'S EVERGREEN

#### The Best Late Variety

Long recognized everywhere as a standard variety, both for home use and market, and is a general favorite. The ears are of a large size, grains deep, exceptionally tender and sugary, and have the advantage of remaining longer in the

green state than any other. Our stock has been carefully grown and selected to avoid the tendency to a shorter grain and deterior-ation in the evergreen character of this best of all late sorts. (See illustra-

Price, pkt. 10c; lb. 40c; 2 lbs. 75c; 8 lbs. \$2.75; 15 lbs. \$4.50; transportation paid



Sow 1 lb. for 200 feet of row, 4 lbs. per acre. The Pop Corns we offer are shelled.

#### 6641 JAPANESE HULLESS

This variety is also known as Australian Hulless and Tom Thumb, It is quite dwarf in habit and produces an immense yield of short, thick ears about 4 inches long and 2 inches in diameter

Price, pkt. 10c; lb. 30c; transportation paid

#### 6642 WHITE PEARL

Smooth, large white grains. Price, pkt. 10c; lb. 25c; transportation paid.

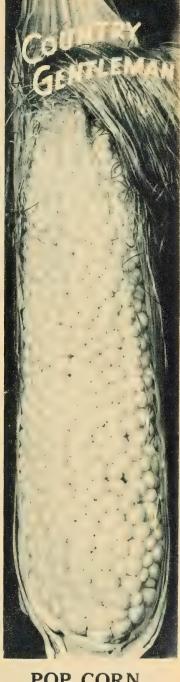
#### 6640 AMBER PEARL

Very early 8 to 10-inch ears; amber colored kernels, popping-white. Price, pkt. 10c; lb. 25c; transportation paid.

#### 6644 WHITE RICE or Rat Tooth

Early white-pointed kernels. Price, pkt. 10c; lb. 25c; transportation paid.





# **CUCUMBER**

CULTURE.—1 oz. for 60 hills; 2 to 3 lbs. in hills for an acre. Cucumbers should not be planted in the open air until settled warm weather—in the vicinity of New York about the middle of May plant in hills about 4 feet apart each way. The hills are prepared by mixing with the soil a shovelful of well-rotted manure. Plant 8 or 10 seeds in each hill. Thin out the plants, leaving 3 or 4 of the strongest to each hill.



#### 416 THE "HENDERSON"

#### Extra Early-Healthy Vines-Prolific-Handsome

It is early, prolific, and produces a continuous crop of uniformly large and symmetrical fruits of an intensely rich deep green color, faintly marked with light yellowish shading toward the tip. It runs very close to type, bearing practically no misshapen fruit or culls. It is the ideal for slicing; the flesh is compact, fine grained, sparkling white and of most refreshing and delightful flavor. The vines are vigorous, healthy, and mildewproof, maintaining their luxuriance and bearing abundantly from the earliest to the latest season. (See illustration.)
Price, pkt. 10c; oz. 25c; ¼lb. 70c; lb. \$1.75; transportation

#### 392 COOL AND CRISP (Henderson's)

#### Firm and Crisp-Bears the Whole Season

An extra early, exceedingly prolific and continuous-bearing variety; a very distinct and attractive selection of the old White Spine class; the shape is unique, rather longer than most sorts, tapering at each end, slightly ridged throughout, with but few "knobs." The color is a beautiful dark green, shading off a little toward blossom end. (See illustration.)

Price, pkt. 10c; oz. 25c; ¼ lb. 70c; lb. \$1.75; transportation



#### 391 CHINESE (New)

The fruits are long and slender, often measuring 15 inches in length. It is extra good for slicing and for pickles, the flesh being crisp and tender. An important quality of this Chinese variety is its disease resisting power, not being at all subject to blight and fungus diseases. It keeps on bearing fruits much longer than any other variety of Cucumber. (See illustration.)
Price, pkt. 20c; 3 pkts. 50c.

#### **394 DAVIS PERFECT**

A well bred selection of the White Spine type, distinguished by the long slim character of the fruits. It has excellent color and the flesh is very crisp and delicate in flavor.

Price, pkt. 10c; oz. 25c; ¼ lb. 70c; lb. \$1.75; transportation

402 EXTRA EARLY GREEN PROLIFIC. An early strain of the Green Prolific type but far more productive; the best

pickling variety grown.
Price, pkt.10c; oz.20c; ¼ lb.60c; lb.\$1.50; transportation paid.

#### 411 LONGFELLOW

On account of the vigorous habit of this variety it is less subject to plant diseases than any other sort. It produces fruits 12 to 14 inches long of a beautiful dark olive green color, and when picked at the proper stage of growth comes near, both in quality and appearance, to the high-class cucumbers grown under glass

and sold at such high prices in the city markets.

Price, pkt. 15c; oz. 30c; ¼ lb. 75c; lb. \$2.50.

412 LONG GREEN. Dark green fruits; quality firm, crisp and excellent.

Pkt. 5c; oz. 15c; ¼ lb. 40c; lb. \$1.25; transportation paid.



#### ENGLISH FORCING CUCUMBER

Cucumbers for frames or greenhouses. Packets contain 12 seeds, 425 EVERY-DAY. The plants set freely at all seasons of the year hence the name. Price, pkt. 30c.
426 LOCKIE'S PERFECTION. Favorite old standard variety

429 MATCHLESS. One of the most prolific varieties; fruit smooth, dark in color, admirable in form, of the highest quality. Price, pkt., 30c. 430 TELEGRAPH. Smooth fruits, 14 to 16 inches long. Pkt. 30c

Our leaflet "Cucumber Culture" tells you how to grow prize winning fruits in your own garden-sent free on request when ordering.

#### **COLLARDS**

370 GEORGIA A tall, loose form of Cabbage grown in the South as a substitute for Cabbage. The leaves when cooked are tender and delicate.

Price, pkt. 5c; oz. 15c; 1/4 lb. 40c; lb. \$1.25.

#### CORN SALAD, Fetticus or "Lamb's Lettuce"

375 LARGE-LEAVED Hardy plants for late fall, winter and spring use; they form rosettes of tender, edible leaves, are used as a substitute for Lettuce.

Price, pkt. 10c; oz. 15c; ½ lb. 45c; lb. \$1.25; transportation paid.

#### CRESS or PEPPER GRASS

380 EXTRA CURLED. Crisp pungent leaves finely cut and very ornamental in appearance. Cress is used as a condiment and for garnishing. Price, pkt. 10c; oz. 20c; 1/4 lb. 50c; lb. \$1.25; transportation paid.

382 UPLAND. The leaves and their flavor omewhat resemble Water Cress, though this sort succeeds in dry soil.

Price, pkt. 10c; oz. 30c; ¼ lb. 90c; transportation paid.

.384 WATER CRESS. Highly esteemed for salads and garnishing. It must be grown along moist banks or in tubs in water covered soil.

Price, pkt. 15c; oz. 50c; transportation paid.

#### DANDELION

436 ITALIAN DANDELION (Ciccoria Catalogna.) Sometimes called Asparagus Chicory. Its habit of growth resembles Comcom Dandelion, but leaves are more upright. The fresh green shoots can be cooked like Asparagus, having a slight Asparagus, having a slight Asparagus flavor and several cuttings may be made during the growing season as the new shoots appear.

Price, pkt. 10c; oz. 60c; ¼ lb. \$1.75; transportation paid.
437 IMPROVED THICK LEAVED.

Upright habit; broad, heavy curled 436 ITALIAN DANDELION (Cic-

Upright habit; broad, heavy curled

leaves; very tender.

Price, pkt. 20c; oz. 75c;

14 lb. \$2.25; transportation paid.

CHITHER -seed one-half inch deep in holbed or greenhouse

# EGG PLAI

in March or April; when an inch high, put in two or three-inch pots. Plant out, late in May or early June, two feet apart in rows two and one-half apart. Or seeds may be grown in any light room where temperature averages 75 deg. 1 oz. for 1,000 plants.

#### 446 BLACK BEAUTY

An early variety, handsome, large and of great merit; a prolific producer of uniformly large, purple-black fruits of fine quality, developing with great rapidity and ready about two weeks riier than other large sorts.

Price, pkt. 15c; oz. 75c; ¼ lb. \$2.25; transportation paid.

#### 448 EARLY LONG PURPLE

Early Long Purple is very early, hardy variety; in fact, about the earliest egg plant to mature. The fruits are club-shaped, dark purple in color and 6 to 8 inches long.
Pkt. 15c; oz. 75c; ½ lb. \$2.25; transportation

#### 450 NEW YORK SPINELESS IMPROVED (Henderson's)

Our superior stock of this popular variety produces a large crop of shapely, purple fruits of liberal size and perfect quality.

The plant is of low growth with a vigorous branching habit, strong enough vigorous branching habit, strong enough to support its massive fruits and compact enough to economize space. It is very prolific, the plants usually bearing 8 to 10 immense fruits of superb quality before being killed by frost. New York Spineless is an ideal exhibition variety. It is invariable, exhibition variety. It is invariably a prize-winner wherever shown. (See illustration.)

Price, pkt. 10c; oz. 75c; 1/4 lb. \$2.25; transportation paid.

CULTURE.—Sow during March or April in holbed or cold frame cover seed ½ inch, transplant 1 foot apart in open ground in April or May. As endive is used mostly in the fall months, main sowings are made in June and July and transplanted 1 foot apart each way. 1 oz. for 3,000 plants.



#### **457 GOLDEN HEART** SUMMER (Henderson's)

NEW YORK SPINELESS EGG PLANT

A Valuable New Salad Plant. Reaches Perfection in Midsummer

Henderson's Golden Heart Summer Endive is a vigorous grower and produces an attractive, very compact plant. As the plant develops the center changes from plant develops the center changes from green to a beautiful creamy-yellow, giving it a most inviting and appetizing appearance, and in fact gives the impression of having been artificially blanched. The leaves, which are crisp and tender, have a delightful nutty flavor that is greatly relished. (See illustration.)

Price, pkt. 15c; oz. 50c; ¼ lb. \$1.50; transportation paid.

portation paid.



#### **459 GREEN CURLED**

#### The "Chicoree Frisee" of the French

An excellent salad plant, available long after the season for Lettuce, and more easily grown. The flavor is pleasantly bitter, stimulating and zest-giving. Is used also boiled as greens.

Green Curled is the best for general use, and is easily blanched by covering the full-grown plants with boards is easily bianched by covering the full-grown plants with boards or pieces of slate. Good results come from early spring sowing, and even better, when treated as a fall crop. Successional sowing during July gives a continulus supply after cool weather.

Pkt. 10c; oz. 25c; ½ lb. 75c; lb. \$2.25; transportation paid.

#### 453 BROAD-LEAVED BATAVIAN (Escarolle)

Has broad, fleshy leaves, forming a large heart; makes excellent winter salad. It is also boiled as "greens." Sow in the same way as Green Curled, but thin out the plants to 10 inches apart in the rows. (See illustration.)

Price, pkt. 10c; oz. 25c; ¼ lb. 75c; lb. \$2.25; transportation paid.

#### **461 WHITE CURLED**

Finely cut leaves, almost white with yellowish midribs; can be used without blanching.

Price, pkt. 5c; oz. 20c; ½ lb. 60c; lb. \$1.75; transportation paid.

Henderson's Booklet, "Salads, Growing and Blanching," tells about the cultivation of lettuce. Explains how to grow other salad plants. How to force Witloof Chicory, Endive, etc., for winter salads. It is sent free if requested when ordering.



# KOHL-RABI

CULTURE.—Seeds may be started in the hotbed or cold-frame during February or March and plants set out 1 foot apart in rows 2 feet apart in April or May, or sowings may be made in the open april or May, or sowings may be made in the open ground where the plants are to grow in April or May and for fall use in July. Cover the seeds ½ inch. 1 oz. for 2,000 plants.

#### 473 EARLY WHITE SHORT-LEAVED VIENNA

A singular variety of Cabbage with a Turniplike bulb which forms immediately above the ground. It is extremely tender and partakes of the flavor of both Turnip and Cabbage. The bulb is large enough to be eaten in from 10 to 12 weeks from sowing, and as they are more tender and delicately flavored before fully matured, it is advisable to make successive sowings, rather than depend upon a standing crop. Should be in every garden. (See illustrations.)

Price, pkt. 15c; oz. 40c; ¼ lb. \$1.00; lb. \$3.00; transportation paid.

- 475 EARLY PURPLE VIENNA. The outside color is purple; flesh, white and delicate. Price, pkt. 10c; oz. 25c; 1/4 lb. 75c; lb. \$2.25; transportation paid.
- 477 LARGE WHITE VIENNA. Large, quickgrowing greenish-white and tender white flesh-Price, pkt. 10c; oz. 30c; 1/4 lb. 90c; lb. \$2.75; transportation paid.



CULTURE. - If KALE wanted for use in late fall or early winter, sow one-half inch deep early in June and transplant middle of July 2 feet apart in rows 2 feet apart. If needed for spring use, sow in April. 1 oz. for 2,000 plants or 150 feet

#### **467 DWARF GREEN** CURLED SCOTCH

Henderson's Special Selected Dwarf Stock

Largely grown for supplying "greens" during the fall, winter and spring; also used small, like spinach; also useful in garnishing. The plants are hardy above zero; frost improves the quality. The leaves are very large, deeply curled and fringed, and of that desirable rich bright green color; the plants are of very dwarf, even growth, the leaves hugging the ground, so that they are not broken by heavy, wet snow. (See illustration.)

Price, pkt. 10c; oz. 20c; ¼ lb. 60c; lb. \$1.50; transportation paid.

465 Brown German Curled, or Purple. Purplish curly leaves.
Price, pkt. 10c; oz. 20c; 1/4 lb. 60c;

lb. \$1.50; tranportation paid. .

469 Siberian. Green, curly leaves; tender and of delicate flavor. Price, pkt. 5c; oz. 15c; ¼ lb. 40c; lb. \$1.00; transportation paid.

CULTURE .-Sow early in April or May, in drills 18 inches apart, cover the seed ½ inch deep, the plants should be thinned to sland 4 to 6 inches apart in the row or for very early the seed may be started in cold-frame or hotbed in February

# 480 LARGE AMERICAN FLAG

or March and be transplanted when large enough as deep as possible without cover-ing the center leaves, that the neck may be blanched. 1 oz. will sow 100 feet of drill.

The Finest for American Gardens

The Leek is closely allied to the The Leek is closely allied to the Onion. The entire lower portion of the plant is used, which is smooth, solid, and generally the same thickness throughout. It is boiled whole, or used in soups; American Flag is the best variety for general use and is largely grown for fall and early winter use. It is of quick, strong growth, producing long stems of uniform use. It is of quick, strong growth, producing long stems of uniform shape and size, averaging 2 inches through by 10 inches long, blanching beautifully white, and of fine, mild flavor. (See illustration.)

Price, pkt. 10c; oz. 30c; 1/4 lb. 90c; lb. \$2.75; transportation paid.

#### 482 MUSSELBURGH or Scotch Champion

lb. \$3.00; transportation paid.

This is the best variety for winter and spring use, being very hardy; it keeps well when earthed up. It produces stocky stems about 3 inches through by 6 to 8 inches long.

Price, pkt. 10c; oz. 35c; ¼ lb. \$1.00; FLORENCE FENNEL FINOCCHIO

The Popular Italian Finocchio. It makes an excellent salad and is also boiled for use as a vegetable. The flavor is sweet, spicy and very distinct. It should be sown between July 15th and August 1st. (See illustration.)

Price, pkt. 10c; oz. 25c; 1/4 lb. 75c; lb. \$2.25; transportation paid.











## 3 Popular Varieties of

LETTUCE 492 Big Boston (see description on page 31) Price, pkt. 10c; oz. 25c; ¼ lb. 70c; lb. \$1.75.

520 New York (see description on page 32)
Price, pkt. 15c; oz. 35c;
1/4 lb. \$1.00; lb. \$3.50.

526 Trianon Cos (see description on page 33)
Price, pkt. 15c; oz. 35c;
½ lb. 95c; lb. \$2.75.

#### Newly Introduced 538 Musk Melon HONEYSWEET

A new green fleshed variety of the Honeydew type, except that it is netted and oval in shape. Can be grown in sections where Honeydew will not ripen. For full description see page 34.

Price, pkt. 25c;
3 pkts. 50c; oz. \$1.00.

CULTURE—For early crops, start the end of February, in a cold-frame or indoors in a box of soil at a sunny window. Cover the seed not over one-eighth of an inch. Seedlings should be ready for selting outdoors in April. Set the plants one foot apart in rows eighteen inches apart. Seed may also be sown during April or May. For a Fall crop sow seed during the month of August.

## LETTUCE

#### 492 BIG BOSTON (Henderson's)

(See Color Plate, Page 30)

A Grand, Large Cabbage Lettuce. The Best Head Lettuce on Earth. More Extensively Grown Than Any Other Lettuce. Big, Compact, Tender and Crisp, Creamy-White Heads.

This grand variety, introduced by us, has proved to be a most valuable addition to our list of salad plants, whether grown in the open ground for early summer and fall use, in frames for spring, or forced cool in greenhouses for winter use. It invariably gives both grower and user the utmost satisfaction, producing under ordinary favorable conditions, splendid, large, creamy-white heads, packed with thoroughly blanched leaves, crisp, tender and sweet, delighting both the palate and the eye. This grand variety makes a handsome plant, with but few outside leaves, and stands long before bolting to seed, while it succeeds at all seasons, except during the very hottest months, it is peculiarly adapted for late fall culture.

Large areas of it may be seen in the vicinity of New York as late as Nov. 15th; a slight covering of salt marsh hay amply protecting the plants from hard frosts. When cut for market, plants are as fresh, bright and untinged as at any season. Thousands of acres of it are grown during the winter in Florida and other Southern States for shipping to Northern markets. In every State it is wonderfully popular; in fact, we know of no other variety that gives such general satisfaction under such warying conditions. As many of our customers have said:
"It is the best Head Lettuce on earth." (See illustration.)

Price, pkt. 10c; oz. 25c; 1/4 lb. 70c; lb. \$1.75; transportation



#### 501 "DELICACY," (Henderson's)

A Uniform and Sure Header. Very Slow in Shooting to Seed. A Wonderful Second Early Butterhead Variety.

It is a variation of the Cabbage Butterhead Lettuce section, and among It is a variation of the Cabbage Butternead Lettuce section, and almost the many improvements noted in it, is the very important one of being Slower to go to seed than any other variety. Our tests and experiences with it for four successive seasons under varying climatic conditions amply justify us in making the assertion. This is only one

experiences with it for four successive seasons under varying climatic conditions amply justify us in making the assertion. This is only one of the reasons why it is ideal for the Home Garden.

Everyone will agree that another great requisite in a lettuce for private uses is QUALITY first and always. This is a characteristic in a superlative degree. Our plant expert who has been working upon it describes it as being a second early lettuce of medium size, with close compact heads, and with outer protecting leaves of a decided bronze color. The inner leaves and the heart are of a delicate creamy yellow, very attractive and alluring. It grows to a uniform size; is a sure-header and we feel that it is a very great acquisition to our list of quality lettuces. (See illustration.)

Price, pkt. 20c; 3 pkts. for 50c; oz. \$1.00; transportation paid.



## 499 EARLY BUTTERNUT (Henderson's)

Valuable for Forcing in the Frame Earliest Head Lettuce for Growing in the Garden

Of the popular butterhead type this Lettuce is valuable not only for forcing, but for its compact, creamy-white heads. It is five days earlier than any other. Many growers have experienced difficulty in forcing Lettuce in frames on account of mildew and other fungus diseases. Our trials have proven that this variety is immune. (See illustration.)

Price, pkt. 15c; oz. 50c; ¼ lb. \$1.50; transportation paid.

#### 506 GOLDEN QUEEN (Henderson's)

A desirable first early heading variety for either open ground or frame culture, it is also one of the best forcing lettuces. The heads are medium sized, solid, crisp and tender. Golden yellow in color.

Price, pkt. 10c; oz. 35c; 1/4 lb. \$1.00; lb. \$3.50; transportation paid.



Of all the Salad Plants grown, Lettuce stands pre-eminent because of its blood enriching and tonic properties, and at the same time is not fattening. Our booklet, "Salads, Growing and Blanching," may be had free on request when ordering.

## LETTUCE HEADING VARIETIES

#### 513 "KRISPHEART" (Henderson's)

This is a new and distinct variety the result of a cross between a Butterhead Lettuce and a Cos Lettuce. It possesses the delightful tender quality of the former and the attractiveness and cooling crispness of the latter parent. The plant is small and very compact, being practically all heart. These features make it very desirable for home gardens as it may be planted very close together.

Krispheart is a sure header, the outer leaves are dark green, denoting a vigorous constitution, but the heart is a blending of gold and cream. (See illustration.)

Price, pkt. 20c; oz. 50c; transportation paid.

#### 516 MAY KING

#### Good for First Outdoor Planting

This early butter-head variety of Lettuce is very well suited for the first outdoor planting.

The heads are of a medium size and very compact in form, being very tightly wrapped. The hearts are creamy yellow in color, very tender and crisp, and of excellent flavor.

Price, pkt. 10c; oz. 25c; 1/4 lb. 70c; lb. \$2.25; transportation paid.

#### 518 MIGNONETTE (Henderson's)

#### A First Early, All Heart, Delicious Gem—Ideal for the Home Garden

A delicious gem of a lettuce that only the home gardener can enjoy. It cannot be bought on the market, as market gardeners would not consider it profitable on account of its small size. However, for the home gardener who demands quality above all else, Henderson's Mignonette is the ideal sort for him to grow. It is a deliciously sweet flavored tender morsel with that creamy-white melt-in-your-mouth appearance, that is bound to revitalize jaded appetites especially during the torrid days of midsummer. The outer leaves have a bronzed appearance.

It is extremely hardy, and is the best sort for early spring use, for cold frame culture or for an outdoor winter crop in the Southern States. It is very early and heads quickly and surely, being slow to go to seed. The diminutive plant permits it to be set as closely as 5 inches apart; an obvious advantage to many. (See illustration.)

Price, pkt. 10c; oz. 30c; ¼ lb. 90c; lb. \$3.00; transportation paid.

#### 520 NEW YORK (Henderson's)

(See Color Plate Page 30)

#### Immense Heads as Solid as a Cabbage. Blanches Beautifully

The King of Main Crop Head Lettuce. It produces immense heads, often 10 and 12 inches across, and weighing enormously. The interior is beautifully blanched, white, crisp, tender and delicious, being absolutely free from any trace of bitterness.

It is a very large, robust growing variety, rooting deeply, resisting hot, dry weather, very slow to run to seed and a sure header under most trying conditions. The outer color is of a distinct apple green.

We introduced this variety a number of years ago, and it has been extensively grown by our customers in almost all sections of the country and from whom we receive most gratifying reports. As a standard main summer crop, hot weather Lettuce, it is in every way desirable and has no equal, but is not recommended for forcing. (See illustration.)

Price, pkt. 15c; oz. 35c;  $\frac{1}{4}$  lb. \$1.00; lb. \$3.50; transportation paid.



Important Notice Regarding Henderson's New York Lettuce

This Lettuce was introduced by Peter Henderson & Co., in 1886, and the seed has been sold by us continuously ever since.

During the past few years growers have been shipping to the principal markets of the country vast quantities of New York Lettuce under the name of Iceberg. All of this has been grown from seed of Henderson's New York, which is the true name of the variety.

#### 522 SALAMANDER (Henderson's Perfected)

A Splendid Summer Variety

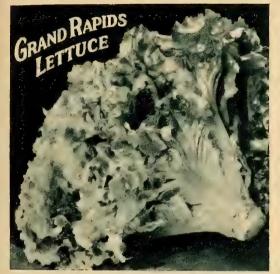
Salamander is one of the few varieties that will head well during hot weather. If the instructions given on lettuce culture in our booklet, "Salads, Growing and Bleaching," are followed, success is assured with Salamander. It will grow equally well as an earlier crop, but is excelled by others for fall use. It forms a good sized, compact head, creamy-white in color, and has all the rich flavor of the "butter" Lettuce. (See illustration.)

Frice, pkt. 10c; oz. 25c; 1/4 lb. 70c; lb. \$2.25; transportation paid.

#### 528 UNRIVALED (Henderson's)

It is very early in maturing, being fit for use about the same time as Henderson's Big Boston, which it resembles somewhat in appearance and in the size of the head. Unrivaled is apple green in color, shading to creamy-white at the center of the head, which is formed of closely wrapped crisp leaves, giving it great compactness of form. We highly recommend this sort, feeling confident that it will become a prime favorite.

Price. pkt. 10c; oz. 35c; 1/4 lb. 90c; lb. \$2.75; transportation paid.



# VARIETIES LETTUCE



#### LEAF VARIETIES

#### 496 BLACK SEEDED SIMPSON

The plants forming large, loose masses of curly and crumpled yellow-green leaves, which are very tender, crisp and delicious. It stands the summer heat splendidly and is practically everbearing, for as the leaves are picked new leaves will grow.

Price, pkt. 10c; oz. 25c; 1/4 lb. 70c; lb. \$2.25; transportation paid.

#### 502 EARLY CURLED SIMPSON

Forms a compact mass of yellowish green, curly leaves; earlier than head Lettuces.

Price, pkt. 5c; oz. 20c; ¼ lb. 60c; lb. \$2.00; transportation paid.

#### 508 GRAND RAPIDS (Henderson's)

The Great Lettuce of the Great West. Indoors or Out, the Easiest of All to Grow

This is probably the best of the loose-leaved varieties. It forms no head, but produces an abundant crop of pale green leaves, slightly but closely crumpled, which, even when old, retain their characteristic sweetness and brittle character.

brittle character.

We strongly urge those who cannot succeed in getting Lettuce to head to grow Grand Rapids. The plant may be cut whole, or the outside leaves may be removed, leaving the younger ones to grow. It is largely grown for forcing. (See illustration.)

forcing. (See illustration.)
Price, pkt. 10c; oz. 25c; ½ lb. 70c; lb. \$2.25; transportation postpaid.

#### ROMAINE or COS VARIETIES

### 503 "CRISPYCOS" (Henderson's)

The Earliest Romaine in the Garden. The Earliest and Best for Crops Under Glass

This is in many respects a decided improvement upon Trianon. Its great recommendation is that it does not readily run to seed, and also that it is one of the best varieties for an early crop under glass. "Crispycos" is undoubtedly a very fine lettuce of good green color with broad leaves, folding well in at the top, and producing hearts crisp and sweet. Everybody should try Henderson's "Crispycos" Lettuce.

Price, pkt. 20c; oz. 50c; ¼ lb. \$1.50; transportation paid.

#### 526 TRIANON COS (Henderson's)

The Most Popular Romaine Lettuce

By far the best of the Cos, or Romaine, varieties. These are becoming very popular; they have a distinct and pleasing flavor. The long spoonshaped leaves form oval-shaped heads, and are easily blanched by gathering the outer leaves at the top and loosely tying them with soft string, several days before wanted for the table. Romaine Lettuce may be used to advantage where the heading varieties do not succeed, as almost the entire plant is tender and palatable. See colored plate page 30.

Price, pkt. 15c; oz. 35c; ¼ lb. 95c; lb. \$2.75; transportation paid.

Henderson's "Succession" Collection of

#### 530 SUPERIOR HEAD LETTUCE

Mignonette for Extra Early. Described on page 32.

Salamander for Second Early. Described on page 33. New York for Main Summer Crop. Described on page 32.

Big Boston for Spring and Fall Crop. Described on page 31.

Price—the Collection—1 packet each of the above four Superior Head Lettuces for 35c; 1 oz. each \$1.00; transportation paid.



## MUSKMELON or CANTALOUPE

1 oz. for 60 hills; 2 to 3 lbs. for an acre

Culture.—These thrive best in a light soil. Place the hills four feet apart each way. Previous to planting, incorporate well into the soil in each hill, a couple of showelfuls of thoroughly rotted manure or in the absence of this, about one-half a shovelful of pulverized sheep manure or a smaller quantity of Henderson's Garden Fertilizer. Plant 8 or 10 seeds in each hill one inch apart and three-quanters of an inch deep. In the latitude of New York, plant about the middle of May. In the South, plant earlier and further North, later. Thin out all but three or four of the seedlings. Spray with Evergreen to control Aphis and Caterpillars

#### GREEN FLESHED VARIETIES

#### 537 EARLY HACKENSACK (Henderson's)

#### Deliciously Flavored, Very Productive

A large green-fleshed variety, round, slightly flattened from the stem to the blossom end, very deeply and broadly ribbed, with bold, strongly defined netting. The flesh is very thick, rich in appearance and delightful in flavor. This type of Melon (once almost entirely superseded by the oval-shaped sorts) is rapidly coming into favor again.

It is a selection which we originated from

It is a selection which we originated from the famous Hackensack many years ago, and is well worthy of more extensive cultivation. The fruits are not so large as the older sort, but weigh from 5 to 6 lbs. each. It is fit for use immediately after the very early sorts. Price, pkt., 10c; oz., 25c; ¼ lb., 60c; lb., \$1.75; transportation paid.

#### 542 HONEYDEW

The flesh of this variety is green verging on creamy yellow in color, thick and succulent, with a very small seed cavity. It is a remarkably sweet Melon and has a flavor peculiarly

its own; quite distinct from all other varieties.

The fruits measure 8 to 9 inches long and about 6 inches in thickness, are light cream in color, and almost entirely devoid of netting. The Melons should be allowed to ripen thoroughly before serving. Honeydew is grown principally in California and Colorado for shipment to northern markets.

Price. pkt., 15c; oz., 30c; ¼ lb., 90c; lb., \$2.50; transportation paid.

#### 548 HONEY ROCK

(New)

A variety of recent introduction. The melons are perfectly round, of medium size, skin light yellow when ripe. Flesh, rich salmon of the very finest quality; a valuable acquisition for the home garden.

Price, pkt., 15c; oz., 50c; ¼ lb., \$1.50.

#### ENGLISH FORCING VARIETIES

For Culture Under Glass

562 KING GEORGE. A very distinct scarlet-fleshed melon; skin, buff-yellow. The fruits often weigh 5 to 8 lbs., and the flavor is so rich that it cannot fail to be

appreciated.
Price, pkt., 50c; transportation paid.
563 RINGLEADER. Fruit above the average size, beautifully netted. Flesh, pale green; delicious flavor. The plant ripens

very early, and does well in frames.
Price, pkt., 50c; transportation paid.

564 UNIVERSAL. Fruits large, with an attractive yellow skin, boldly netted. Excellent in the second of the cellent in flavor.

Price, pkt., 50c; transportation paid.

#### 560 FAVORITE COLLEC-TION OF DELICIOUS MUSKMELONS

Described on this and the next page

Rocky Ford Emerald Gem Early Hackensack

Coll. of 3 pkts. 25c; 1 oz. each, 55c; transportation paid.

#### 538 HONEYSWEET (See colored plate, page 30.)

#### A New Muskmelon from the Rocky Ford Section of Colorado

The fruits are very attractive, medium in size, oval shaped, slightly ribbed and finely netted. The outside color has a light silvery sheen, while flesh is green, resembling the Honey Dew. It has a small seed cavity and ripens well up to the

The best feature of this new variety is that it can be grown in any section where the ordinary varieties can be grown, and this is impossible with the Honey Dew and kindred varieties.

In our trial grounds this season the vines were vigorous and healthy, producing a good crop of fruits of excellent flavor.

It is not extremely late, like the Persian and Honey Dew types; this season it matured a few days after the well-known Rocky Ford, which is considered an early sort.

Price, pkt. 25c; 3 pkts. for 50c; oz. \$1.00

#### 557 ROCKY FORD

(Henderson's)

#### Earliest Strain-Beautiful Appearance-Delightful Flavor

This newer type is more rounded, the rib less prominent, and the outer surface of the fruit is densely covered with delicate lace-like netting. The quality and rich aromatic flavor have also been greatly improved. The flesh is green, with a suggestion of pink at the seed cavity, which is peculiarly attractive. It is beautiful in appearance, delightful in flavor, and a general favorite with all. It is safe to say that no Melon has ever come into the New York markets which has sold so readily and at such high prices as the delicious Rocky Ford, often to the exclusion of other varieties. (See illustration) of other varieties. (See illustration.)

Price, pkt., 10c; oz., 20c; 1/4 lb., 50c; lb., \$1.50; transportation paid



#### 555 BURREL GEM

#### Red-Fleshed Rocky Ford

The fruits average 6 inches in length,  $4\frac{1}{2}$  inches through, and weigh about 2 lbs. each. The flesh of red-orange is very thick, fine grained and deliciously rich and spicy in flavor. Seed cavity remarkably small; the rind is thin but tough. Color, green, closely interlaced with gray netting Price, pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 60c; lb. \$1.50; transportation paid.

#### 539 EMERALD GEM

No variety surpasses this for flavor; the thick salmon-colored flesh is granular, rich and delicious. It is exceedingly early, prolific and long-bearing; fruits small, smooth-skinned, deep emerald-green with light stripes.

Price, pkt. 10c; oz. 25c; ¼ lb. 60c; lb. \$1.50; transportation paid.

#### 558 FORDHOOK

The flavor is delicious, and is considered quite equal to that of the Emerald Gem.

The flesh is the color of the rind of a well-colored orange and is solid d firm. The vines of Fordhook are vigorous and healthy and the fruits begin to set close to the hill and keep on outwards to the end of the vine

The Melons are ribbed and the same size as Rocky Ford, well protected by a heavy netting.

Price, pkt. 5c; oz. 25c; 1/4 lb. 60c; lb. \$1.50; transportation paid.

## MUSKMELON or CANTALOUPE

Orange, Red and Salmon Fleshed Varieties



#### 554 "PERFECTED PERFECTO"

## The Newest and Most Highly Developed Melon

We feel confident that this variety will achieve great popularity for its attractiveness and superb flavor. The medium sized oval shaped fruits are finely netted which in itself give them an at-tractive appearance; but, when they are halved, and disclose their beautiful salmon colored flesh, their appeal is irresistible, and they actually taste better than they look. The flesh is thick, of a fine custard-like texture; the seed cavity is the smallest found in melons of this type.

All who enjoy fine flavored melons will welcome the "Perfected Perfecto" because they can depend upon its uniform superb quality. (See Mustration.)

Price, pkt. 15c; oz. 25c; ¼ lb. 75c; lb. \$2.00; transportation paid.

#### 559 TIP TOP

One of the best salmon-fleshed sorts; bears an Price, pkt. 5c; oz. 20c; ¼ lb. 50c; lb. \$1.50; transportation paid.

#### 546 HALE'S BEST

A salmon-fleshed type similar to Rocky Ford. It is oval in shape, slightly ribbed, well netted and grows larger than ordinary Rocky Ford. Hale's Best Those, well netted and grows larger than ordinary Rocky Ford. The series is also several days earlier in ripening, is very attractive in appearance, and the thick salmon-colored flesh is exceedingly sweet in flavor.

The seed cavity is also comparatively small and it is a very popular variety with shippers and growers for the market. (See illustration.)

Price. pkt. 10c; oz. 25c; ¼ lb. 75c; lb. \$2.00; transportation paid

#### 540 HEARTS OF GOLD

The Melons are medium in size, but present a very fine appearance, the rind being very firm and closely netted, each vein appearing as if highly embossed on the surface. The flesh is a rich deep orange-scarlet in color, very fine grained and deliciously sweet. (See illustration.)

Price, pkt. 10c; oz. 25c; ¼ lb. 75c; lb. \$2.00; transportation paid

#### 544 LAKE CHAMPLAIN

An extremely early and productive sort. The plant possesses an unusually vigorous constitution and the fruits set freely under the most adverse weather deliciously sweet flesh is of a deep rich golden color Price, pkt. 10c; oz. 25c; ¼ lb. 75c; lb. \$2.00; transportation paid



## WATERMELON

CULTURE—Watermelons thrive best in warm latitudes, although in warm, sandy soils in the latitude of New York fine crops are often obtained. Cultivate exactly as for Muskmelons. Hills should be eight feet apart. One oz. for 30 hills.



#### **MUSTARD**

586 FORDHOOK FANCY. The ordinary Mustard Plant is usually eaten as a salad only; but Fordhook Fancy is used cooked like Spinach as well as eaten raw.

Price, pkt. 5c; oz. 15c; ¼ lb. 45c; lb. \$1.25; transportation paid.

587 GIANT SOUTHERN CURLED. A favorite in the South, where it is grown in the fall for spring salad.

Price, pkt. 10c; oz. 15c; ¼ lb. 45c; lb. \$1.25; transportation paid.

589 WHITE LONDON. Used in salads and garnishings. Price, pkt. 5c; oz. 15c; ¼ lb. 40c; lb. \$1.00; transportation paid.

## MUSHROOM SPAWN



#### 6770 AMERICAN Spore Culture Spawn

is produced from original spore cultures under the new French process, which permits the indefinite reproduction of selected varieties without dilution of the strain, and free of any trace of the parasitic diseases of the mushroom. Positively the most vigorous and prolific spawn on the market. Each brick weighs vigorous and prolific spawn on the market. Each brick weighs from 1 to 1½ pounds and will spawn about 10 square feet of beds. We keep on hand the cream-white variety which is generally preferred in the markets. Per brick, 45c; 10 bricks \$3.50; 25 bricks \$8.50; 100 bricks \$32.50. Purchaser pays transportation charges. If wanted by Parcel Post, send postage according to zone rates. Packed weight of one brick is 2 lbs.

#### 6771 PURE CULTURE Bottle Spawn

We offer this brand of Mushroom Spawn because it is now used very successfully by large growers. As its name indicates, this spawn is made in bottles under absolutely sterile conditions, so that spores of other fungi, many of them poisonous, insect eggs, weed seeds and all other extraneous matter is excluded. One carton of this spawn equals 5 bricks of ordinary spawn and will spawn an area of about 40 square feet. We include full instructions with the spawn. Price per Carton, \$1.25; 6 Cartons \$7.00; 1 doz. Cartons \$13.00. Purchaser pays transportation charges. If wanted by Parcel Post, send postage according to zone rates. Packed weight of one Carton is 1 lb.

Send for our pamphlet, "Mushroom Culture." Sent free on request with orders.

#### 567 COLE'S EARLY

#### North Rivals South With Cole's Early

If you have failed with other sorts you can succeed with Cole's Early. It is the best variety for the family garden, primarily so on account of its extreme earliness, but mainly because it has all the qualities necessary to a perfect variety.

It is good in every respect, producing a liberal crop of Melons 12 inches long and 9 inches in diameter, not large but in abundance and of delicious quality. The deep red fine-grained flesh ripens from heart to rind, while its rich color and luscious flavor are tempting to the most exacting taste. (See illustration.) Price, pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.50; transportation paid.

565 CITRON. Red seeded. Small round fruits, for preserves only Price, pkt. 10c; oz. 20c; ¼ lb. 60c; lb, \$1.50; transportation paid

569 CUBAN QUEEN. Large oval Melons, striped dark and light green; flesh red and excellent quality; the best late sort. Price, pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.50; transportation paid.

570 HALBERT HONEY. The Melons average 18 to 20 inches in length; 6 to 8 inches in diameter. Color of rind deep green. The flesh is crimson extending clear to the rind. Price, pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.50; transportation paid.

573 KLECKLEY'S SWEET.

green skin and thin rind.

The bright scarlet flesh is extremely sweet.

Price, pkt. 10c; oz. 20c; 1/4 lb. 50c; lb. \$1.50; transportation paid.

578 MOUNTAIN SWEET. An old favorite; oblong, dark green fruits, rind thin; flesh red, solid and sweet. Price, pkt. 5c; oz. 15c; 1/4 lb. 45c; lb. \$1.25; transportation paid.

580 STONE MOUNTAIN. A large Melon nearly round but somewhat blunt at the ends. The color is solid dark green with faintly indicated broad ribs. A wonderful Melon for the private garden. The flesh is bright scarlet, very small seeds, flavor delightful.

Price, pkt. 10c; oz. 20c; 1/4 lb. 50c; lb. \$1.50; transportation paid.

579 SWEET SIBERIAN (Henderson's). It is of oval shape medium size, dark green, faintly mottled; thin, tough rind; flesh deep orange-buff and very sweet, early and productive. Price, pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.50; transportation paid.

581 TOM WATSON. Long oval shape, thin but tough rind; bright scarlet flesh; excellent quality. Price, pkt. 5c; oz. 20c; ¼ lb. 45c; lb. \$1.25; transportation paid.

583 WHITE SEEDED CHILIAN. This Melon is tender and sweet, flesh crimson. The vines are vigorous and stronggrowing, and the Melons are of medium size, round in shape. It ripens early, desirable for Northern sections.

Price, pkt. 10c; oz. 20c; 1/4 lb. 50c; lb. \$1.25; transportation paid.

CULTURE .- Seed is sown about the okka middle or latter part of May, one inch deep; thinning the plants to two feet apart in a row, rows three feet apart. One oz. for 250 plants.



#### 597 LONG GREEN

One of the most popular varieties for the home garden or for marketing. It is a vigorous grower, plants ranging from 21/4 to 3 feet high, produce long tender pods in abundance. (See illustration.)

Price, pkt. 5c; oz. 15c; ½ lb. 40c; lb. \$1.00; transportation paid.

#### 595 DWARF PROLIFIC

Of dwarf, stocky growth, very early and prolific.

Price, pkt. 10c; oz. 15c; 1/4 lb. 40c; lb. \$1.00; transportation

#### 599 WHITE VELVET

It is long, smooth, greenish-white. Price, pkt, 10c; oz', 15c; 1/4 lb. 40c; lb. \$1.00; transportation





CULTURE.—One oz. for 100 feet of drilt; five to six lbs. in dribls for an acre. For lbs. in dribls for an acre. For an early crop, seed may be sown in cold-frames in February or March, transplanting when large enough to handle in April or May. Regular open-ground sowing should be made about the latter part of April or early May in latitude of New York, in soil that has been manured the previous year. Sow about one-half inch deep in rows one foot apart, and then thin out to three inches apart in the rows.

#### 613 PRIZETAKER

Magnificent in Size—Delightfully Mild in Flavor—A Matchless Keeper—Succeeds in All Sections of the U. S.

Prizetaker is at once the largest and most hand-some of all American Onions, and is renowned everywhere.

It is so well-bred that the tops dry down entirely when it ripens leaving a clean, sound bulb, perfect in form, rich in color snd wonderfully solid. The outer skin is rather pale yellow, the flesh pure white throughout. It is extremely mild in flavor, very much esteemed for slicing; baking and boiling, in fact, in whatever way it is prepared it is unsurpassed. (See illustration.)

Price, pkt. 10c; oz. 30c; ¼ lb. 90c; lb. \$3.00; transportation paid. Special price on large quantities.

#### 605 ADRIATIC-BARLETTA

Extremely early; small, pure white with silver skin; flesh mild, but firm; unexcelled for pickling.
Price, pkt. 10c; oz. 40c; 1/4 lb. \$1.25; lb. \$4.00;

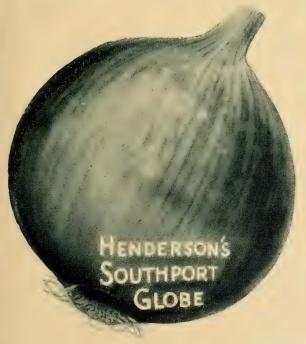
transportation paid

## HENDERSON'S FAMOUS SOUTHPORT GLOBE ONIONS

Perfect Globe-Shape-Large-Heavy-Solid-Perfect Keepers

There are no Onions to compare with the famous Southport Globe Onions. They have been grown by the same growers for us for many years and the high standard of quality has been fully maintained.

Years of selection, in which every bulb used for seed purposes has had to pass the critical eye of veteran experts, have had no uncertain ect on these, and they are today, beyond doubt, the best of all Onions. Southport Globe Onions are supreme in keeping quality. effect on these, and they are today, beyond doubt, the best of all Onions.



#### 617 SOUTHPORT RED GLOBE

A most attractive variety of medium size, growing under ordinary con-A most attractive variety of mental size, growing inder ordinary conditions to a diameter of 3 inches. The outer skin is a rich purplish-red, and the flesh is faintly tinged with the same color. It is a little stronger than the white and yellow, and preferred by many for this reason.

Price, pkt. 10c; oz. 30c; ½ 1b. 90c; lb. \$3.00; transportation paid. Special price on larger quantities.

#### 619 SOUTHPORT WHITE GLOBE

Viewed from every standpoint this is perhaps the best Onion of all for family use, for while it is similar in some respects to the other South-port Globes, it is more attractive in appearance. The flesh when cooked port Globes, it is more attractive in appearance. The flesh when cooked is of a rich milky color, tender and of delicious flavor, and when eaten raw is the mildest of the three.

Price, pkt. 10c; oz. 40c; ¼ lb. \$1.25; lb. \$3.75; transportation paid. Special price on larger quantities.

#### 621 SOUTHPORT YELLOW GLOBE

The very best strain of yellow Onion, the exterior color does not extend to the flesh, as in the red variety. It is mild in flavor and may be grown by anyone where Onions will grow, and is probably the best of all for general use.

Price, pkt. 10c; oz. 30c; 1/4 lb. 90c; lb. \$3.00; transportation paid. Special price on larger quantities.

#### 622 Collection of Famous Globe Onions

Southport White Globe Southport Red Globe Southport Yellow Globe

see descriptions above

Price, Coll. of 3 pkts., 25c; 1 oz. each 90c. Transportation paid.

## ONION

#### 623 LARGE RED WETHERSFIELD

Those who prefer an Onion with an abundance of flavor will be well satisfied with Wethersfield. Indeed, for boiling highly flavored sorts are preferable. This is a general favorite everywhere, and is largely grown both for market and private use. It shapes up very quickly, insuring a good supply during the growing season, while its keeping quality is equal to the best. The exterior color is dark glossy red, and the flesh is faintly tinged with the same color.

Price, pkt. 10c; oz. 30c; ½ lb. 90c; lb. \$3.00; transportation rold. Special with only approximate on large quantities.

paid. Special price on large quantities.

#### 625 WHITE BUNCH

Of vigorous growth, producing large, showy, white Onions of fine mild quality, especially adapted for using when

Price, pkt. 10c; oz. 40c; 1/4 lb. \$1.00; lb. \$3.50; transportation paid.

#### 627 WHITE PORTUGAL or Silver Skin

This is beyond doubt the very best Onion for general use during the spring, summer and autumn. We do not esteem it so highly for winter use, as it is excelled by other sorts

for keeping purposes.

There are none that yield more delicious "scallions," or young plants for salad purposes, none which are more suited to boiling during the growing season, and none so generally esteemed for their mild, delightful flavor. Should there be any small bulbs left in the row at the end of the season they may be used for Always, under all conditions, it is appetizing and wholesome. (See illustration.)

Price, pkt. 10c; oz. 40c; ¼ lb. \$1.00; lb. \$3.75; transportation

#### 629 YELLOW GLOBE DANVERS

#### Quick to Mature Remarkably Good Keeper

This is one of the oldest American varieties, which takes its name from the town near which it was first grown, and has always been a general favorite. Its keeping quality is supremely good. There is a considerable variation in the shape of this variety—shapes that vary from flat to deep oval. We have consistently adhered to the original type, which, but for a slight depression from top to bottom, is a perfect sphere. The matter depression from top to bottom, is a perfect sphere. The matter of tops has had close attention, and are so bred that at maturity they disappear entirely, leaving the bulbs quite without neck, clean, solid and good throughout.

Price, pkt. 5c; oz. 30c; ¼ lb. 90c; lb. \$3.00; transportation paid. Special price on large quantities.



#### ONION SETS

In private gardens, the cultivation of the family supply of Onions from sets has much to recommend it. The amount of labor involved is less, the danger of loss from maggots and other insects is considerably reduced, the crop is surer to grow, and is ready for use weeks in advance of that grown from seed. On a small scale where the cost of sets is not a serious item, we urge customers to use them. In fact, the ideal way is to use both sets and seed—the sets for use in the spring and summer, and seed to grow bulbs for winter keeping.

_				
No.	1 Quart to 40 Feet of Drill	Qt.	4 Qts.	Peck
637	White Onion Sets	\$0.35	\$1.25	\$2.25
635	Red Onion Sets	.30	1.00	1.75
639	Yellow Onion Sets	.30	1.00	1.75

641 Potato Onion Sets. Early and of rapid growth, excellent for pulling green. Price, 40c. qt.; 4 qts. \$1.50; peck \$2.75.
643 Shallots. The small bulb keeps for a year. Price, qt. 50c,

4 qts. \$1.85; peck \$3.50.

4 (18. 31.03; peck \$3.50.

645 Garlic Sets. Esteemed in cookery. Price, lb. 50c.

Purchaser pays transportation charges on Onion sets. Packed weight, 1 lb. per quart. If wanted by Parcel Post, send postage according to zone rates.

## Henderson's New Sweet Spanish and New Express Globe Onions

(Shown In Colors On Opposite Page)

#### 610 BARCELONA

#### A Spanish Keeping Onion, Sparkling White, Mild Flavor

We are pleased to be able to offer this novelty. We have named it Barcelona because it is a selection obtained from our famous onion, Espanola, although it is pure silvery white in color, instead of pale golden yellow like its parent. It is also more of a true globe shape. The outer skin is silver white and the inside is sparkling white, of fine texture, mild flavor and delicate tender-

In sections where there is a long warm season and on soil that is well-tilled and rich, Barcelona will attain almost as large a size as its parent Espanola.

The Espanola and Barcelona onions are very popular, and omestic grown, are in all respects equal to the imported. They domestic grown, are in all respects equal to the imported. They also keep fairly well for winter use but not quite equal in keeping qualities to the Southport Globes or Danvers.

Like its parent, Barcelona is singularly free from fungoid diseases.

We recommend all our friends to try Barcelona, although it will be necessary to order early because our stock of seed this year is limited.

Price, pkt. 15c; oz. 75c; 1/4 lb. \$2.25.

#### 612 ESPANOLA

The Largest, Handsomest and Mildest Onion in the World Spanish Onions may be grown in any locality where onions will grow, but under the best conditions of soil and climate they will always attain their maximum possibility in size. Under such conditions, great crops of ideal Spanish Onions are produced; bulbs that will measure 4 to 6½ inches in diameter, and weigh up to 21/4 lbs. each, equal in every respect to the imported onions.

When transplanting the seedlings see that they are placed 6 inches apart to give the long roots ample feeding ground and

encourage rapidity of growth.

Price, pkt., 15c; oz., 60c; ¼ lb., \$2.00; transportation paid.

611 EXPRESS GLOBE (New)

The Earliest Onion in Cultivation. Stock Very Limited. This new variety is distinct from any other onion in cultivation, and as for earliness, it matures before even the earliest of the Bermuda types. The bulbs are beautiful in appearance, light yellow in color, and medium in size; a trifle larger than the popular Yellow Globe Danvers.

Express Globe is of Spanish origin and has the mild flavor of this type.

this type. On account of its tenderness it is not recommended for winter keeping.

Price, pkt., 25c; 5 pkts., \$1.00.







CULTURE.—The germination of Parsley seed is very slow, taking about three to four weeks. Sow seed in rows one foot apart, covering seed one-half inch. Thin out the plants to stand two inches apart.

# **PARSLEY**

**651 CHAMPION MOSS CURLED.** Densely crumpled and curled, dark green leaves; beautiful for garnishing; a very select and productive stock. Price, pkt. 10c; oz. 15c; ¼ lb. 40c; lb. \$1.25; transportation paid.

#### 653 EMERALD (Henderson's)

A distinct variety of robust growth, freely furnished with short-stemmed leaves, very finely cut and most beautifully curled, making a compact and extremely graceful plant. Most varieties of parsley are dark green; but, as its name implies, Emerald is brilliant emerald-green in color and therefore more highly esteemed for decorative and garnishing purposes. (See illustration.)

Price, pkt. 10c; oz. 20c; 1/4 lb. 60c; lb. \$1.75; transportation paid.

655 EXTRA DOUBLE CURLED. A popular fine dwarf, beautifully curled

Price, pkt. 5c; oz. 15c; ¼ lb. 40c; lb. \$1.25; transportation paid.

#### 660 PEERLESS (New)

A new variety, with all the good qualities of the moss curled type, but is hardier, darker in color, densely curled and holds its dark green color well into the late fall, when other varieties have turned yellow. A most desirable sort for garnishing and decorating. Price, pkt., 15c; oz., 30c; ¼ lb., 90c.

659 HAMBURG or Turnip Rooted. The fleshy roots of this kind resemble small Parsnips and are esteemed for flavoring soups, stews, etc.

Price, pkt., 10c; oz., 15c; 1/4 lb., 40c; lb., \$1.25; transportation paid.

661 PLAIN or Italian. The leaves are not curled; plant very hardy. Price, pkt., 10c; oz., 15c; 1/4 lb., 40c; lb., \$1.25; transportation paid.

PARSNIP aparl as soon as ground is in condition in spring, cover seed one-half inch.

#### 667 HOLLOW CROWN (Henderson's)

Our selection of this highly esteemed variety is surely the best for the private garden. We have discarded all the types with slim, long roots that invariably

all the types with silm, long roots that invariably break in digging and offer only a shapely, heavy-shouldered strain with its greatest girth at the crown and gradually tapering to a small root.

For winter use lay the roots horizontally in small boxes packed with ordinary garden soil and store them in some convenient place outdoors away from snow or rain. Frost improves their quality. (See illustration.)

Price, pkt., 10c; oz., 15c; 1/4 lb., 45c; lb., \$1.25; transportation paid.

## 658 GREEN GEM

This is a wonderful dwarf compact strain of parsley, which has been worked upon and gradually brought to its present state of perfection

during the past ten years.

Green Gem has a dual use, as it is also very suitable for an ornamental border in the flower garden. The color is a very rich deep green. It is most exquisitely curled.

Price, pkt. 25c; oz. 50c; 1/4 lb \$1.50.



## A Succession Trio of Quality Garden Peas

(Shown In Colors On Page 39)

#### 171 LAXTONIAN

#### A Grand Early Marrow Dwarf Pea

The vine is only eighteen inches high, which makes it possible for any one to raise the largest Peas very early in the season on a small area, and with very little effort. It is a vigorous and depend-

little effort. It is a vigorous and dependable grower, and very prolific.

The pods are not only large, but are always well filled with Peas of great size and remarkably good quality. The crop is ready for use about a week later than the earliest sorts. By sowing this variety at intervals of ten days up to the end of May, a very satisfactory supply of Peas may be raised for tory supply of Peas may be raised for continuous use.

Price, pkt. 10c; 1 lb. 45c; 2 lbs. 85c; 8 lbs. \$3.00; 15 lbs. \$5.50; transportation paid.

#### 186 PROSPERITY, (Henderson's)

#### Largest Highly Flavored Pea Grown.

It is very gratifying to the grower to be able to supply the table with such delicious Peas as early as the first week

in June.

The immense size of the pods borne in such great profusion and so liberally in such great profusion and so liberally at all filled, insures a bountiful supply at all

The vines are three feet high, the pods are borne singly and freely from top to bottom of the vine and contain from six to ten Peas of delicious quality, large and rich in flavor.

Price, pkt. 10c; 1 lb. 40c; 2 lbs. 75c; 8 lbs. \$2.75; 15 lbs \$4.75; transportation paid.

#### 189 TELEPHONE

## The Standard Large Podded Late Pea. Delicious Quality.

The plant is about 5 feet high and bears a heavy crop of enormous pods well filled with large Peas of delicious quality, rich in flavor, tender in quality and most attractive in appearance.

Price, pkt. 10c; 1 lb. 40c; 2 lbs. 75c; 8 lbs. \$2.75; 15 lbs \$4.75; transportation paid.

Last April I ordered your "Country Gentleman" collection. This line of work was all new to me, having never planted a seed before. My cabbage, tomatoes, peas, beans, lettuce, parsley and corn are the talk of the town. The melon vines are just covered with melons. The endive, turnips and rula baga are coming up fine.

August 27th, 1932. C. Carras, Circleville, N. Y.

## PEAS

#### EARLY AND MEDIUM EARLY

1 lb. equals 1 pint 2 lbs. equals 1 quart 15 lbs. equals 1 peck

CULTURE.—The dwarf early Peas are sown in rows two feet apart, the larger and mid-season varieties in rows three feel apart and the tall late varieties in rows four feet apart; the seed should be covered about two inches and the plants thinned to two inches apart in the row. 2 lbs. for 100 feet of double drill, or 200 feet of single row.

#### 144 ALASKA

Medium Height, Extra Early, Very Productive.

Height, 21/2 feet. A wonderfully early, smooth, blue pea; vines slender; pods very dark green, about 3 inches long, well filled with small, smooth, blue-green Peas.

Price, pkt. 10c; lb. 35c; 2 lbs. 65c; 8 lbs. \$2.25; 15 lbs. \$4.00; transportation

paid.

#### 162 FIRST-OF-ALL, (Henderson's)

Beyond All Question the Earliest Pea Grown.

The extreme earliness of First-of-All emphatically distinguishes it from all others. While it lacks the "marrow" flavor of the larger and later sorts, it has a sweetness peculiar to its class, and a flavor which is preferred by many. Anyway, First-of-All may be eaten and the crop removed while other sorts are maturing. The slim, 3-foot vines permit close planting; it may be planted as soon as frost leaves

Price, pkt. 10c; lb. 35c; 2 lbs. 65c; 8 lbs. \$2.25; 15 lbs \$4.00; transportation

#### 166 JUBILANT

#### (Henderson's)

#### One of the Best Second Early Varieties,

The Jubilant Pea is medium early, beginning to bear a few days after our famous Prosperity has started. The plants, which are extremely vigorous, grow to a height of  $3\frac{1}{2}$  to 4 feet. The large deep green pods literally cover the vines. The pods, which are easily shelled, are usually filled with 9 to 10 large luscious marrow peas of exquisite

The vigorous constitution of the plant makes it practically immune to blight and consequently the production of peas is extended over a long period. (See illustra-

Price. Price, pkt. 10c; lb. 45c; 2 lbs. 85c; 8 lbs. \$3.00; 15 lbs. \$5.50; transportation

#### 171 LAXTONIAN

(Early Marrow)

A Grand Early, Dwarf Pea—Enormous Pods—The Largest of Peas.

(See description page 41 and colored plate page 39.)

Price, pkt. 10c; lb. 45c; 2 lbs. 85c; 8 lbs. \$3.00; 15 lbs. \$5.50.

#### 174 LITTLE MARVEL, (Early Dwarf)

This is the most prolific of the Early Dwarf Garden Peas, and we especially recommend it to the home gardener. The pods—borne in pairs—mature much earlier than Nott's Excelsior. The vines grow about 18 inches high and both vine and pod are in color an extremely dark green power. pod are in color an extremely dark green, now so much in demand. (See illustration.)

Price, pkt. 10c; lb. 45c; 2 lbs. 85c; 8 lbs. \$3.00; 15 lbs. \$5.50; transportation paid.





#### 176 MELTING MARROW

Equal in size and rich, "melting marrow" flavor to the best of the later sorts. It is admirable for a second early crop, and is so admirable for a second early crop, and is so vigorous, so sure to produce a good crop, that it may be safely relied on, not only for early use, but for successive sowings throughout the entire season when Peas can be grown. The pods are very large and are produced in abundance. They and are produced in abundance. They are always bountifully filled with very large Peas of a rich, inviting green color, of perfect flavor. It is one of the easiest to care for. The vines are only 15 to 18 inches high, so that it does well without support

Price, pkt. 10c; lb. 40c; 2 lbs. 75c; 8 lbs. \$2.75; 15 lbs. \$4.75; transportation paid.

#### 179 NOTT'S EXCELSIOR

#### Early Big Cropper, Extra Fine Quality.

A distinctly American production of remarkably vigorous constitution, enormously markably vigorous constitution, enormously productive, and generally excellent. The pods are of good size, produced liberally, and are well filled with excellent Peas of perfect quality. The plant is among the smallest, very rarely exceeding 15 inches in height, and is easily grown. It still is, and long will be, extremely popular.

Price, pkt. 10c; lb. 40c; 2 lbs. 75c; 8 lbs. \$2.75; 15 lbs. \$4.75; transportation

#### **186 PROSPERITY**

Price, pkt. 10c; lb. 40c; 2 lbs. 75c; 8 lbs. \$2.75; 15 lbs. \$4.75.

(See Color plate page 39 description page 41)

#### 188 SUTTON'S EXCELSIOR

The vines usually reach 18 to 20 inches in height. This is the most productive variety in its class and an excellent pea to follow the very early varieties. The dark green peas are rich in flavor, and pods may be gathered continuously through most of the growing season. most of the growing season.

Price, pkt. 10c; lb. 40c; 2 lbs. 75c; 8 lbs. \$2.75; 15 lbs. \$4.75; transportation

#### Henderson's Succession Collections 4 Best Tall and 4 Best Dwarf Garden Peas

Either Collection Gives a Continuous Supply of Delicious Marrow Peas Through-out the Summer

199 4 Best Tall Peas: Horsford's Market Garden see page 43
Horsford's Market Garden see page 43
Telephone, for midseason see page 43
American Champion, for main crop See page 43

200 4 Best Dwarf Peas: Mott's Excelsior, for extra early see page 42
Melting Marrow, for early see page 42
Advancer, for midseason see page 43 Dwarf Telephone, for main crop. . . see page 43 Prices (state whether Tall or Dwarf is wanted) 1 packet each of 4 sorts, enough for 50 feet

.\$0.35 of drill (delivered transportation paid U.S.)....\$

.\$1.35 2 pounds each of 4 sorts, enough for 400 feet of drill (delivered transportation paid in U.S.). \$2.50

An excellent crop of delicious Peas may be obtained in the fall in the latitude of New York if the seeds of early varieties are planted during August. Should the ground be very dry, soak it thoroughly before planting to aid germination.

#### 140 ADMIRAL BEATTY

It takes its place in the second early class, and pickings are usually made about ten days after Henderson's Prosperity Peas are ripe. Everybody will be pleased with the heavy crop borne by the sturdy vines, which grow to a height of 4 feet, and with the flavor and quality of the eight to ten large peas contained in the long pointed pods.

Price, pkt. 10c; lb. 40c; 2 lbs. 75c; 8 lbs. \$2.75; 15 lbs. \$4.75; transportation paid.

#### 142 ADVANCER

#### Wonderfully Prolific, Exceptionally Good Flavor

The plant is 2 ½ feet high, extremely vigorous, and is noted for the enormous number of pods produced on each vine. The pods are small, but the peas are so densely packed therein that the yield per plant exceeds that of many of the larger-podded sorts.

Price, pkt. 10c; lb. 35c; 2 lbs. 65c; 8 lbs. \$2.25; 15 lbs. \$4.00; transportation paid.

#### 146 ALDERMAN

One of the best main crop varieties, extremely vigorous and producing a large crop of long, dark-green pods packed with green wrinkled Peas of the largest size and of The rich color and fine appearance is retained for several days. unsurpassed quality. Height, 5 feet

Price, pkt. 10c; lb. 40c; 2 lbs. 75c; 8 lbs. \$2.75; 15 lbs. \$4.75; transportation paid.

#### 151 AMERICAN CHAMPION (Henderson's)

Extra large pods, liberally filled with Peas of great size and of particularly good flavor. It does not come into use until the end of the season and, as it grows from 4 to 5 feet high, the vines need some support, but it well repays both the waiting and the extra labor, for, properly cared for, it ears an extremely bountiful crop of the most

Price, pkt. 10c; 1 lb. 40c; 2 lbs. 75c; 8 lbs. \$2.75; 15 lbs. \$4.75; transportation paid.

#### 158 DWARF TELEPHONE (Improved)

We think we are safe in describing it as the largest podded dwarf green pea in existence. A robust growing variety; the haulm is strong and bears an abundance of pods about 5 inches in length, tightly filled with 8 to 9 dark green wrinkled peas of the finest quality. Immensely valuable to both the home gardener and commercial growers for its productivity and ease of cultivation. The plants average from 1½

Price, pkt. 10c; lb. 40c; 2 lbs. 75c; 8 lbs. \$2.75; 15 lbs. \$4.75; transportation paid.

#### 165 HORSFORD'S MARKET GARDEN

Height, 2 feet. Noted for its uniform growth and prodigious yield. The pods though of medium size, are packed with Peas of sweet flavor.

Price, pkt. 10c; lb. 35c; 2 lbs. 65c; 8 lbs. \$2.25; 15 lbs. \$4.00; transportation paid.

#### 164 HUNDREDFOLD

The pods are very dark green in color, about four inches long, quite broad, and rather pointed at the ends; and bearing usually eight to ten large dark green peas of fine flavor. The vines are also dark green in color, very vigorous and usually about six-

Price, pkt. 10c; lb. 40c; 2 lbs. 75c; 8 lbs. \$2.75; 15 lbs. \$4.75; transportation paid.

#### 172 LAXTON'S PROGRESS

The earliest of the sweet large-podded varieties. Our experience is that in the latitude of New York, Laxton's Progress is four days earlier than Laxtonian, heretofore considered the earliest large-podded pea.

Price, pkt. 10c; lb. 45c; 2 lbs. 85c; 8 lbs. \$3.00; 15 lbs. \$5.50; transportation paid.

#### 180 ONWARD

#### New Main Crop Garden Pea

This new variety is undoubtedly a very distinct and valuable addition to the midseason varieties. It is fit for the table just before Telephone, and bears a very heavy crop of pods four inches long, large, broad, straight, and blunt at the ends; alfilled with from six to eight dark green sweetly flavored peas. See illustration.

Although it does not grow as tall as Telephone, its vigorous constitution is such that it is practically immune to blight; consequently, it bears a large crop, as the bearing season is carried over a long period of time. Considered by experts to be decidedly the best pea recently introduced. Height, 2½ to 3 feet. (See illustration.)

Price, pkt. 10c; lb. 40c; 2 lbs. 75c; 8 lbs. \$2.75; 15 lbs. \$4.75; transportation paid.

#### MAIN CROP AND LATE

1 lb. equals 1 pt.; 2 lbs. equal 1 qt.; 15 lbs. equal 1 peck

#### 189 TELEPHONE

#### The Standard Large Podded Late Pea. Delicious Quality

The plant is about 5 feet high and bears a heavy crop of enormous pods well filled with large Peas of delicious quality, rich

in flavor, tender in quality and most attractive in appearance.

Price, pkt. 10c; lb. 40c; 2 lbs. 75c; 8 lbs. \$2.75; 15 lbs. \$4.75; transportation paid.

(See colored plate page 39)

#### 191 THOMAS LAXTON

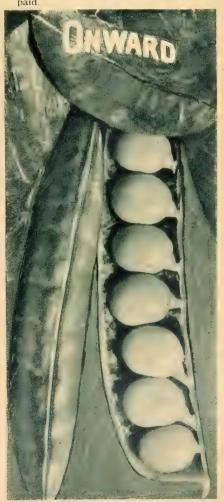
An excellent, early wrinkled marrow variety. Height, 3 feet. Pods are medium Produces strong vines, which bear to large.

Price, pkt. 10c; lb. 40c; 2 lbs. 75c; 8 lbs. \$2.75; 15 lbs. \$4.75; transportation paid.

#### 196 WORLD'S RECORD

The vines are two feet in height, very productive, medium green in color, and bear large quantities of pods, four inches in length, rather broad and pointed, and containing seven to nine very large dark green peas quite exceptional in quality.

Price, pkt. 10c; lb. 40c; 2 lbs. 75c; 8 lbs. \$2.75; 15 lbs. \$4.75; transportation



## PEPPER

CULTURE.—Sow one-half inch deep in hotbed, greenhouse or warm window in March or April. When one inch high, transplant into two-inch pots and plant out late in May or early June in rich soil in rows two and one-half feet apart in the row. Cultivate frequently throughout the season to keep the soil mellow and free from weeds.

#### 675 BABY BELL Henderson's (Sweet)

This really remarkable little Pepper is well suited to the private garden, having several qualities which are ideal for that purpose. The plants are remarkably small and compact, so that they may be planted as close as one foot apart in the rows. It is the earliest of all the sweet Peppers, yet the fruits are of good size, amply large enough for general use. They are borne in great profusion close to the center of the plant. color is a brilliant, vivid, waxy scarlet, and the flavor is delightfully piquant, quite free from pungency.

Price, pkt. 10c; oz. 75c; 1/4 lb. \$2.25; transportation paid.

#### 674 BULGARIAN (Hot)

#### Larger and More Pungent than Cayenne

This valuable variety is quite different from other sorts in cultivation. The peppers average from 6 to 8 inches in length and are about one inch in diameter at the shoulder, tapering gradually to a point. They have a highly polished sheen, the color at the picking stage is red blended with yellow, the entire pod finally turning deep red.

It is more pungent than Cayenne and has an agreeable peppery flavor. (See illustration.)

Price, pkt. 25c; ½ oz. \$ 2.75; transportation paid.

#### 676 CALIFORNIA WONDER (Sweet)

(Shown in Colors on Page 40)

#### Thick Flesh, Sweet, Crisp and Tender

When the Chinese Giant Pepper was introduced some years ago, it was thought to be the thickest fleshed variety possible, but California Wonder excels it in many respects.

It is similar in appearance to Chinese Giant, being of just such a vivid scarlet color, but it is much more weighty and has much thicker flesh.

Fruits of California Wonder often weigh half a pound to one pound each, and there is no doubt that this is the "meatiest" pepper pepper ever introduced. The flavor is so mild, delicious and free from pungency that it may be eaten just like an apple.

Price, pkt. 25c; 1 oz. 90c; 1/4 lb. \$3.00; transportation paid.

#### 680 EARLY GIANT (Harris)

#### The Best for Northern Latitudes

The earliest and most prolific of the large peppers, a real acquisition. It is of dwarf compact growth, bearing as many as 12 pendent fruit on a single plant; scarlet fruit measuring 5 inches in length by 3½ inches in diameter.

Price, pkt. 15c; oz. 75c; ½ lb. \$2.75; trans-

portation paid.

#### 683 LARGE BELL or Bull Nose (Hot)

Early, bright red pungent; a favorite for stuffing when green.

Price, pkt. 10c; oz. 75c; 1/4 lb. \$2.50; transportation paid.

#### 685 LONG RED CAYENNE (Hot)

Scarlet pungent pods, used for pickling when green and when ripe. Price, pkt. 15c; oz. 65c; 1/4 lb. \$2.00; transportation paid.

#### 688 PERFECTION or Pimiento (Sweet)

The Sweetest Pepper Ever Grown. Absolutely Without Pungency

The sweetest of sweet peppers; there being not a trace of pungency perceptible to the taste. The peppers are of a size very suitable for stuffing purposes and are delicious when prepared for the table in that way. It is so smooth that it is quite easy to get the skins off by boiling a few minutes; or the skins can be pared off

The plants are very productive and the peppers, which, when ripe, are a beautiful scarlet in color, hold more edible meat than any other sweet variety. It is much sought after for pickles, cutting up in salads, and for flavoring. (See illustration.)

Price, pkt. 10c; oz. 75c; 1/4 lb. \$2.50; transportation paid



The flesh is thick, tender, mild, sweet and un-excelled for use as a salad, or for stuffing for "Mangoes." (See illustration.)

Price, pkt. 15c; oz. 90c; 1/4 lb. \$3.00; transportation paid.

#### 678 CRIMSON GIANT (Sweet)

A sturdy variety of the well-known Chinese Giant type. The fruits are a little smaller, but the plants bear a much greater number. The dark green fruits turn to a very brilliant scarlet when they are fully ripe. Strictly a sweet and mild variety

Price, pkt. 15c; oz. 90c; 1/4 lb. \$3.00; trans-





## **PEPPER**

#### 689 RED CHILI

Small red Peppers, hot and pungent, used for making Pepper sauce. Price, pkt. 10c; oz. 60c

#### 691 RED CLUSTER

Dwarf plants. Small thin pods borne upright in clusters; red and pungent

Price, pkt. 15c; oz. 60a

#### 693 RUBY KING (Sweet)

(Shown in colors on page 40)
The Most Popular Large-fruited Pepper Ruby King is one of the most popular large-fruited sweet peppers grown. It is esteemed by market gardeners and is equally valuable for the home gardener. The plants, which are vigorous, grow to a height of about 2 feet, and are clothed with rich, dark green foliage.

The fruits average 5 inches long by 3 inches in diameter and are usually three lobed, the color is a pleasing deep green, which turns to a glowing, ruby red when ripe.

The flesh is exceedingly thick, sweet and mild. Price, pkt. 15c; oz. 75c; ¼ lb. \$2.50; transportation paid.

#### 697 WORLD BEATER (Sweet)

World-Beater produces fruits in clusters. peppers are first dark green in color and change to a very brilliant scarlet when ripe. (See illustration.

Price, pkt. 10c; oz. 75c; 1/4 lb. \$2.50.

CULTURE.—Sow late in May in the latitude of New York, in very rich soil, cover the seed one inch. By grown alone the hills should be eight feet apart each way. As soon as the seedlings are out of the ground sprinkle with air-slaked lime or land plaster mixed with dry garden soil or ashes. This prevents the ravages of striped beetle. 1 oz. for 30 hills.

#### 701 CALHOUN (Henderson's)

A small, almost round Pumpkin, with creamy brown skin; flesh deep salmon-yellow, wonderfully thick, fine grained, and of the finest quality for rich colored pies. Price, pkt. 10c; oz. 25c; 1/4 lb. 75c; lb. \$1.75; transportation paid.

#### 703 CHEESE (Large)

The most popular variety, either for pies or table use. The shape may be described as flat, round. The skin is creamy yellow in color, and the flesh is deep orange, of fine quality and very tender. Large Cheese is a splendid keeping variety. (See illustration.) Price, pkt. 10c; oz. 20c; 1/4 lb. 50c; lb. \$1.25; transportation paid.

#### 705 CONNECTICUT FIELD

A productive large reddish-orange colored field pumpkin, the inside fiesh is orange yellow. It is solid, fine-grained and slightly ribbed. This variety is grown extensively for canning purposes, also for stock feeding, but it also makes good pies. (See illustration.) Price, pkt. 5c; oz. 15c; 1/4 lb. 40c; lb. \$1.00; transportation paid.

#### 706 GOLDEN CUSHAW

Known also as "Jonathan" Pumpkin. Has a thick, heavy meaty neck and a very small seed cavity. The flesh is tender and a rich golden yellow in color. The shell is also golden in color and very strong.

Price, pkt. 10c; oz. 20c; 1/4 lb. 60c; lb. \$1.75; transportation paid.

#### 707 Large or Mammoth Tours

An old, well-known variety, productive and growing to a large size and tremendous weight.

Price, pkt. 10c; oz. 20c; 1/4 lb. 50c; lb. \$1.50; transportation paid.

Evergreen and Red Arrow (See page 168) have proven very ef-fective in destroying the squash bug



## IMPKIN



#### 709 SUGAR

A handsome and productive small Pumpkin, 10 to 12 inches in diameter, round-flattened, skin orange, flesh deep yellow, fine grained and very sweet.

Price, pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.50; transportation paid.

#### 711 WINTER LUXURY

A superior pie Pumpkin, small but enormously productive and an excellent keeper; shape slightly oval, about 10 inches in diameter; color, golden-russet, finely netted.

Price, pkt. 10c; oz. 25c; ¼ lb. 75c; lb. \$1.75; transportation paid.

## **POTATOES**

## Henderson's Selected Northern Grown

We do not ship potatoes C.O.D.

FOR CULTURE, Etc.—Send for our pamphlet Garden Culture of Root Crops. The sack is 234 bushels or 165 lbs. net weight.

#### GREEN MOUNTAIN

(Improved)

The Most Popular Potato on Earth.
Ideal for Main Crop. A Dependable
Winter Keeper. An Excellent Baking
Variety

A reliable medium late potato that is so popular in some sections it has superseded all other main crop varieties. It seems to thrive in all soils and in all localities, making heavy, healthy vines, and yielding big crops of large, smooth, white skinned tubers of handsome flattish oval form.

It cooks white, dry and mealy, and has a desirable flavor exclusively its own. It keeps well, and is not liable to scab or decay. (See illustration.)

Price, \$1.00 per peck; \$3.25 per bushel; \$6.50 sack of 165 lbs. net weight; purchaser pays transportation charges.

#### IRISH COBBLER

An Ideal Potato for the Home Garden—High Quality—Early.
A Large Cropper

A fine, early variety, producing large, handsome tubers, uniform in shape and size. The demand for this variety is greatly increasing as it does well under most soil conditions. It also keeps fairly well. The flesh is white, and of excellent quality; the skin very light brown, with whitish netting. It is a heavy cropper.

Price, \$1.00 per peck; \$3.25 per bushel; \$6.50 sack of 165 lbs net weight; purchaser pays transportation charges.

weight; purchaser pays transportation charges.





#### BOVEE (Henderson's)

It is not only early, but produces its crops in great abundance, and yields a very large percentage of perfectly formed tubers. The cultivator can be used to better advantage on a crop of Boyee than

any other sort, owing to the short and compact growth of the vines, and its habit of setting the entire crop close in the hill.

Bovee, perhaps more than any other sort, delights in a rich soil, where it will yield an abundance of medium-sized potatoes of perfect

shape and remarkably good quality.

Price, \$1.25 per peck; \$4.00 per bushel; \$8.00 sack of 165 lbs. net weight; purchaser pays transportation charges.

#### EARLY OHIO

Extra-early, maturing about two weeks before the Early Rose almost round; flesh solid, cooks dry and mealy.

Price, \$1.00 peck; \$3.25 bushel; \$6.50 sack of 165 lbs. net weight; purchaser pays transportation charges.

#### EARLY ROSE

The popular standard early; noted for earliness, produc-

tiveness and fine quality.

Price, \$1.00 peck; \$3.00 bushel; \$6.00 sack of 165 lbs. net weight; purchaser pays transportation charges.

#### SIR WALTER RALEIGH

This is one of the best varieties for a main crop, and is admirably adapted to general cultivation. The vines are of average size, but so vigorous that they stand erect long enough to allow necessary cultivation. It produces an on average size, but so vigorous that they stand electrong enough to allow necessary cultivation. It produces an extremely large crop of round, slightly flattened tubers, smooth, white skinned, and very attractive in appearance. Its good quality is greatly improved when stored in a cool, dry cellar. When cooked it breaks up thoroughly, present-

ing a flaky, snowy appearance, at once appetizing and indica-

tive of its superior flavor.

Price, \$1.00 peck; \$3.50 bushel; \$7.00 sack of 165 lbs. net weight; purchaser pays transportation charges.

#### SPAULDING ROSE NO. 4

Handsome red tuber, somewhat flat, a little later than the regular Early Rose but usually a better yielder. Fit to cook when large enough to dig.

Price, \$1.00 peck; \$3.00 bushel; \$6.00 sack of 165 lbs. net

weight; purchaser pays transportation charges.

#### UNCLE SAM

We believe Uncle Sam to be the heaviest yielding variety grown. On a loam or sandy soil it is a wonder in yield and quality. The crop averages remarkably regular in size and shape. Its flaky, snow-white appearance gains instant favor. The tubers are oval shaped, with light russet skin,

very even in outline and with shallow eyes.

Price, \$1.00 per peck; \$3.50 per bushel; \$7.00 sack of 165 lbs. net weight; purchaser pays transportation charges.

CULTURE—Radishes thrive best in a sandy loamy soil, and to have a continuous supply for the table sow as early in the spring as possible and af intervals of ten days thereafter. Where the summers are very hot, sow until the fifteenth of May and then omit until August. Then make three sowings at intervals during this month.

Radishes are divided into three classes, spring, summer, and winter kinds, and all kinds should be used in a garden. Radishes are fit for the table in 25 days from sowing in the open ground. For extra early crop sow seed in hot bed in February. One oz. for each 100 ft. of row.

## The Three Choice Radishes Shown in Colors On Page 40

#### 756 EARLY SCARLET GLOBE

The best of the forcing varieties and the best of its class for outdoor culture; one of the most attractive radishes grown. The roots are a little longer than round, the skin intense scarlet in color, with tiny thread-like roots. It is very early, oval-shaped, and has very small tops.

Price, pkt. 10c; oz. 25c; ¼ lb. 60c; lb. \$1.50; transportation paid.

#### 757 SPARKLER

Brilliant scarlet with a very pro-nounced white tip. It wins by appear-ance alone. But to this must also be added its sparkling white, solid, crisp flesh and mild sweet flavor. It is desir-able both for forcing and garden culture. Foliage small.

Price, pkt. 10c; oz. 25c; ¼ lb. 60c; lb. \$1.50; transportation paid.

#### 734 ICICLE

The leading long white radish, and one of the earliest; tender, juicy and of agreeable snappy flavor. When fully matured it reaches a length of 6 inches.

It is pure white, and has a translucent and appetizing appearance.

Price, pkt., 10c; oz., 25c; 1/4 lb., 60c; 1b., \$1.50; transportation paid

# Henderson's Selection of Best Turnip Radishes

#### 722 CRIMSON GIANT (Early)

This variety develops to 5 and often 6 inches in circumference, weighing up to 1 oz. per root, or about four times the weight of similar sorts; but not withstanding its immense size, does not get hollow or pithy, but keeps in condition for a long time for such an early variety. The flesh remains sparkling, white, solid, crisp and juicy and it is of the mildest flavor. The root is almost globe-shaped, and is very bright crimson in color.

Price, pkt. 10c; oz. 20c; 1/4 lb. 50c; lb. \$1.50; transportation

#### 724 EARLY ROUND DARK RED

The darkest colored of the round red varieties and an excellent The roots are round, the tops medium in sort for family use. The flesh is pure white, crisp and quite tender. (See illustration.)

Price, pkt. 5c; oz. 20c; ¼ lb. 50c; lb. \$1.25; transportation paid.

730 FRENCH BREAKFAST. This is not a turnip radish but a favorite, oval-shaped, bright scarlet Radish, with white tip. It is extremely attractive and very early; fine for either open ground or forcing.

Pkt. 5c; oz. 20c; 1/4 lb. 50c; lb. \$1.25; transportation paid.

744 RAPID FORCING. Small, round, bright scarlet, with white tip; grows quickly, and is grand for forcing; tops very small. Price, pkt. 10c; oz. 25c; 1/4 lb. 50c; lb. \$1.50; transportation

746 RED FORCING. Extra-early, maturing in 21 days; round, bright red, with small tops, very mild.

Price, pkt. 10c; oz. 25c; 1/4 lb. 50c; lb. \$1.50; transportation

# ND DARK RED

#### 752 ROSE TURNIP (Henderson's)

This variety is distinguished by its color, which is a charming shade of rosy-pink. In other respects it closely resembles the better known Scarlet Turnip. It grows very quickly, maturing

Price, pkt. 10c; oz. 25c; 1/4 lb. 50c; lb. \$1.50; transportation

#### 726 SCARLET TURNIP (Early)

The popular standard variety and one of the best table radishes being highly esteemed for its mild flavor. The skin is bright scarlet in color and the flesh snow white. It is of medium size and a rapid grower.

Price, pkt. 10c; oz. 20c; 1/4 lb. 50c; lb. \$1.25; transportation

#### 728 WHITE-TIPPED EARLY SCARLET TURNIP

For many years we have found this variety to be the most popular of all among private gardeners, and unsurpassed as a table Radish where, by reason of the strong contrasting colors of the root, it makes a most attractive appearance. The flesh is crisp, white and tender, and extremely mild.

Price, pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.25; transportation

#### Henderson's Collection of Five Turnip Radishes

768 Price, one packet each of the following five varieties— Early Round Dark Red, Early Scarlet Globe, Early Scarlet Turnip, Rose Turnip, White Tipped Scarlet Turnip, 35c; 1 ounce of each for 85c; 1/4 lb. of each for \$2.35, transportation paid.

#### 731 GIANT WHITE GLOBE (New)

This is a new addition to our list of radishes and repeated trials at our seed testing farm have convinced us that it is a very desirable variety. As its name indicates, it is a pure white, globe-shaped radish, firm and crisp, and mild in flavor. Another good quality is that it remains solid and fit for table use for a long time before turning soft and pithy.

Price, pkt., 10c; o2., 35c; ¼ lb., \$1.00.

#### EARLY LONG VARIETIES

738 LONG SCARLET Short Top. The standard; bright scarlet with white, mild flesh; grows 6 inches in length; matures in about 25 days.

Price, pkt. 10c; oz. 20c; 1/4 lb. 50c; lb. \$1.25; transporta-

740 LONG WHITE VIENNA, or Lady Finger. Tapering, about 4 inches long and pure white, mild and tender, matures in about 25 days

Price, pkt. 5c; oz. 20c; 1/4 lb. 50c; lb. \$1.25; transportation paid.

Henderson's Garden Guide and Record (new edition) is a veritable encyclopedia on vegetable culture—written in a terse easily understood manner. It is free on request with orders of \$3.00 or over or sold at 35c. per copy.



# RADISH ROCKET AND LATE VARIETIES

#### 748 RED ROCKET

This variety has a very small top, which permits close planting. It is quite smooth, deep scarlet in color. The flesh is crisp and of a mild flavor. (See illustration.)
Price, pkt. 10c; oz. 25c; ¼ lb. 60c; lb. \$1.50; transportation

#### 760 WHITE-TIPPED ROCKET

Henderson's White-Tipped Rocket is the ideal first early radish. The color is deep rose, tipped white at the base. The flavor is deliciously mild. (See illustration.)

Price, pkt. 10c; oz. 25c; ¼ lb. 60c; lb. \$1.50; transportation paid

#### 758 WHITE ROCKET

A trifle larger than Red Rocket. It has an equally small top; the root is pure white, while the color of the flesh is waxy white. (See illustration.)

Price, pkt. 10c; oz. 25c; 4 lb. 60c; lb.\$1.50; transportation paid.

769 One packet of each of the 3 Rocket Radishes described above for 25c, one ounce of each for 60c, transportation paid.

#### 751 "ROSE ROCKET" (New)

What particularly distinguishes the new rocket variety and sets it apart from all others is its soft rose pink colored skin; the coloring of which extends to the very tip of the radish. The flesh is white and tender, firm and crisp, very juicy and mildly pungent. Like the other Rocket Radishes, it is especially suited for growing under glass during the winter, on account of the small top, and it may be grown ready for the table in twenty days. Price, pkt. 10c; oz. 25c; ¼ lb. 60c; transportation paid.

#### Summer and Autumn Varieties

732 GIANT WHITE STUTTGART. A large white, oval-shaped summer Radish. Very tender and mild.

Price, pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.25; transportation

762 WHITE STRASBURG. An early summer Radish, 4 to 5 inches long and tapering; flesh and skin white, solid and fine. Price, pkt. 10c; oz. 20c; ½ lb. 50c; lb. \$1.25; transportation paid.

#### Winter Varieties

These varieties grow so firm and compact that they will keep almost all winter if stored in a dry cellar; they require 2 to 3 months to mature

 Tadish; grows to an enormous size; flesh firm, mild and crisp. Price, pkt. 10c; oz. 20c; ½ lb. 50c; lb. \$1.25; transportation paid
 Long Black Spanish. A leading winter variety, one of the best keepers. Roots cylindrical, 7 to 10 inches long; skin black-Price, pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.25; transportation

paid.

#### RHUBARB

CULTURE.—Sow in April, in drills a foot apart, covering the seed three-quarters of an inch, thinning out to about ten to twelve inches apart in rows when a few inches high. The following Spring transplant into 500 feet. deep, rich soil, about three feet apart each way. One oz. to 500 feet

770 ST. MARTIN'S. This variety is famous in many countries,

770 ST. MARTIN'S. This variety is famous in many countries, being much esteemed wherever grown. The stalks are large and red and exceedingly juicy, rich and spicy.

Price, pkt. 15c; oz. 50c; tranportation paid.
772 VICTORIA. The stalks of this variety are immensely thick, a rich crimson in color, and of very fine quality.

Price, pkt. 10c; oz. 40c; transportation paid.

Rhubarb Roots, see page 151.

## RUCOLA or Rocket

984 SATIVA

Much used by Italians and South Europeans for salads. leaves somewhat resemble French Sorrel but are darker in color, and considerably larger. They have a distinct flavor, slightly bitter, rather pungent like Cress, and delicious in any kind of salads or soup. The culture is the same as for spinach.

Price, pkt. 10c; oz. 45c; 1/4 lb. \$1.50; transportation paid.

#### SORREL

795 Broad-Leaved French. Large, pale green leaves of mild, acid flavor, esteemed as salad, cooked as "greens," etc.
Price, pkt. 10c; oz. 25c; ¼ lb. 75c; lb. \$1.75; transportation paid.

## SALSIFY or Oyster Plant

Culture same as of Parsnip

#### 780 MAMMOTH SANDWICH ISLAND

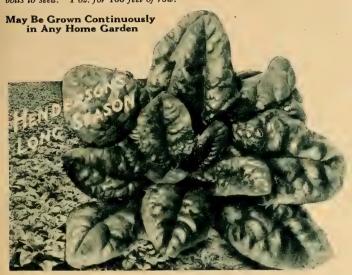
Salsify is one of the best of our root vegetables, and is rapidly increasing in popularity. Cooked in any form, Salsify is wholeincreasing in popularity. Cooked in any form, Salsity is whole-some, appetizing and nutritious. Its peculiar oyster-like flavor is most apparent when sliced and fried; it may also be served and eaten as Asparagus. It is one of the best remedies for various forms of indigestion. Most of its medicinal value is contained in the milk, which exudes from the skin; the surface should therefore be broken as little as possible. (See illustration.) Price, pkt. 10c; oz. 30c; ¼ lb. 90c; lb. \$3.00; transportation raid paid.



CULTURE.—Sow thinly in rows 12 to 15 inches apart, covering the seed about one-half inch; thin the plants to four inches apart in the row. The main crop is sown in August and September. It is sometimes covered up in cold localities with straw or salt meadow hay during winter, but in sheltered fields there is no necessity for covering. For summer use it may be sown at intervals of two or three weeks, from April to June. Spinach develops best and is most tender and succulent when grown in rich soil and in cool weather; during the hot summer months it often

## SPINACH

bolts to seed. 1 oz. for 100 feet of row.



#### 802 LONG SEASON (Henderson's)

The Best for Sowing in Spring and Summer for a Successional Supply

For many years the amateur gardener had poor success in growing Spinach, owing to its aggravating habit of going to seed just about the time it should be ready for use. The development of a type showing a marked long-standing character has given us Henderson's Long Season Spinach, removing the only obstacle to its general cultivation, so that there is now nothing to hinder the least experienced from enjoying this wholesome vegetable throughout the entire season. The plants are very hardy. Seed sown in September will produce small plants, which, with a slight covering of loose dry material, will be available for the product of the prod

able for use very early in the spring.

The plant is small, with rich, lustrous green leaves. These are short, broad, very thick, and of so great substance that it loses bulk in cooking less than any other sort. unequalled. (See illustration.)

Price, pkt. 5c; oz. 15c; 1/4 lb. 25c; lb. 60c; transportation paid.

#### 801 KING OF DENMARK

It is very dwarf, and makes a wonderfully quick growth, setting an abundance of dark green tender leaves, distinctively crumpled, and is slow to run to seed.

Price, pkt. 10c; oz. 20c; 1/4 lb. 30c; lb. 75c; transportation paid.

#### 803 MUSTARD SPINACH

#### An Entirely New Vegetable Recently Introduced

This entirely new vegetable is of Japanese origin, and we have tested it thoroughly in our Seed Trial Grounds at Red Bank, N. J. As the name indicates it is related to the Mustard family, but the pungent taste of the Mustard has been greatly refined. It has a most delicious flavor peculiarly its own, and combines in itself the qualities of both Spinach and Mustard.

It makes an excellent spinach grown in the same way; and it has the advantage over any other plant used for greens, be-cause it is ready for the table in from three to three and one-

A continuous supply for the table may be had by making successive sowings, because it flourishes during hot weather, as well as in moderate periods when ordinary varieties of

spinach fail to grow.

We recommend all our customers to try it, because we think that Mustard Spinach will eventually supersede many vegetables now used as "greens."

Chemical analysis shows this plant to have abundant Protein, Mineral Matter, Lime and Iron. (See illustration.)

Price, pkt. 10c; oz. 20c; 1/4 lb. 50c; lb. \$1.25; transportation paid.

#### 805 NEW LONG-STANDING SAVOY

This variety stands heat much longer than Norfolk Savoy before running to seed. This is a great advantage.

Price, pkt. 10c; oz. 20c; ¼ lb. 35c; lb. 90c; transportation

#### 808 NORFOLK SAVOY-LEAVED

A very popular variety to sow for the late fall cutting. It is quick growing and a heavy cropper, producing large, fleshy, dark green leaves as deeply crumpled as a Savoy Cabbage. It is largely grown in the South for winter and early spring crops. If sown in the spring it must be cut as soon as ready, as it quickly runs to seed.

Price, pkt. 5c; oz. 15c; 1/4 lb. 25c; lb. 60c; transportation

#### 809 PRINCESS JULIANA (Henderson's)

The Princess Juliana Spinach is of the long season type, with large, crumpled, rich, dark green leaves. It is valuable either for spring or autumn planting. After testing this new variety at our trial grounds for several years, we are convinced that the Princess Juliana Spinach will become the most popular variety on the market, not only for its rapid, uniform growth and delicious and tempting flavor, but also because it remains in prime condition longer before bolting to seed than any other sort.

Price, pkt. 10c; oz. 20c; 1/4 lb. 35c; lb. 90c; transportation paid.

#### 810 THICK-LEAVED

The best sort for fall sowing to winter over for spring cutting, being very hardy. It produces large, thick, bright green crumpled leaves of fine quality, yielding a heavy crop.

Price, pkt. 5c; oz. 15c; 1/4 lb. 25c; lb. 60c; transportation paid.

#### 812 VICTORIA

Stands in prime condition long after other varieties have bolted The August and September sowings should receive special attention, as they are wanted to supply the table during the coming winter and early next spring. For this purpose sow Victoria. The soil should be well prepared, using soot and lime or other material to lighten the soil if heavy.

Price, pkt. 5c; oz. 15c; ¼ lb. 25c; lb. 60c; transportation paid.



## SPINACH







#### 807 "PERPETUAL"

That this new plant can without any stretch of the imagination be called "Perpetual" is due to the fact that it is in reality a form of Swiss Chard. Perpetual Spinach, however, is entirely without the somewhat bitter flavor of Swiss Chard, and tastes like a good variety of spinach.

Seed should be sown early in the spring, as soon as the ground is in working condition for best results.

It is very hardy and withstands severe summer heat. Planters of Perpetual Spinach will insure for themselves a constant supply of tender "greens" all summer and autumn. (See illustration.)

Price, pkt. 15c; oz. 40c; ½ lb. \$1.00; lb. \$3.00; transportation paid.

#### 806 NEW ZEALAND

#### The Cut and Come Again Spinach. Best for Hot Weather Yields Continuously from Early Summer to Late Fall

The New Zealand Spinach is a valuable addition to the summer supply of edible greens, the beneficial effects of which are so well known that it is needless to add further comment.

During the hot summer months, when ordinary Spinach bolts and goes to seed, the New Zealand Spinach is at its best. It thrives on almost any soil and withstands drought wonderfully well.

The plant is bushy in form, and produces great quantities of succulent, rich green leaves of a delightful delicate flavor. As the tops are cut off, side shoots develop and in a few days another crop may be cut.

The seeds should be sown outdoors after there is no longer danger from frost, in rows from  $2\frac{1}{2}$  to 3 feet apart, covering the seed about one inch. When the plants are a few inches high they should be thinned out, so that at the final thinning the plants stand fully twelve inches apart.

For an early crop start the seed indoors during March and transplant the seedlings to the open ground after danger from frost. (See illustration.)

Price, pkt. 10c; oz. 20c; 1/4 lb. 50c; lb. \$1.25; transportation paid.

# SWISS CHARD The Cut and Come Again Vegetable

CULTURE—Sow the seed in April or May in drills 18 inches apart and thin the plants to stand 6 inches apart in the rows. Do not let the plants suffer from lack of water. The leaves may be gathered during summer and fall. 1 oz. to 75 feet of drill.

#### 235 GREEN PLUME (Henderson's)

#### The Spinach-Leaved and Asparagus-Ribbed Variety

We have called it "Spinach-Leaved" because the leaf is almost identical with that of the Spinach plant, and is as dark a green in color. It is a much darker green than any other variety of Swiss Chard produced so far, and it is also much more tender. The midribs too, are edible and tender, and very white and attractive looking. They should be prepared like Asparagus.

Its greatest value lies in the fact that it produces "greens" all summer long, and is therefore available when Spinach is unobtainable. It can be easily grown in any ordinary garden soil. When picking for use cut the leaves from the outside when still young, or pull them off in an outward and downward direction. Leaves may be picked from it continuously from June until frost, because, as the leaves are cut off, other shoots are rapidly put forth.

"Green Plume" may be cooked and served as "boiled greens" in the same way as Spinach, or when using the midribs only; it is always cooked and served in the same way as Asparagus. In fact "Green Plume" could well be described as an Asparagusribbed Swiss Chard. (See illustration.)

Price, pkt. 15c; oz. 25c; 1/4 lb. 60c; lb. \$1.50; transportation paid.

#### 234 LUCULLUS Crumpled-Leaved

This is quite distinct from the old and well-known variety. The leaf stems are rounder, very thick, and fleshy. The whole plant is taller and the leaves, instead of being smooth, are deeply and closely crumpled, similar to a Savoy Cabbage. It is very tasty and palatable, and preferred by many in place of Spinach.

This variety is much sought after by those who prefer the rib of the leaf, as it is more strongly developed than in the old variety.

Price, pkt. 10c; oz. 20c; 1/4 lb. 60c; lb. \$1.50; transportation paid.

#### 232 SWISS CHARD

The term "Chard" is applied to the edible and mid-rib of the leaf of certain plants, hence Swiss Chard is a Beet with the heavily ribbed leaves developed instead of the root.

This is the variety we have sold continuously for many years. It is the one vegetable that is always ready for use.

Price, pkt. 10c; oz. 15c; 1/4 lb. 50c; lb. \$1.25; transportation paid.

#### SUMMER VARIETIES

818 ACORN or Table Queen. Acorn, "Table Queen" or "Des Moines," as it has been variously named, is a small, very dark green, summer squash, with sharply ridged or scalloped sides, and is about six or seven inches long and four inches in diameter.

Price, pkt., 10c; oz., 30c; 1/4 lb., 80c; lb., \$2.50; transportation paid.

821 COCOZELLE or Italian Vegetable Marrow. The dwarf bushes of this fine variety produce large, very elongated, slightly curved, smooth dark green fruits which when mature become marbled with yellow. Fruits are best when 6 to 8

which when mature become marbled with yellow. France are best which inches long. (See illustration.)

Price, pkt., 10c; oz., 25c; ½ lb., 75c; lb., \$2.25; transportation paid.

822 DELICATA (Henderson's). This beautiful Squash is orange-yellow and striped with dark green on the outside. Delicata is the earliest of any vine Squash and the most prolific (about 9 inches long).

It is ready almost as soon as the early summer sorts, is better flavored, and remains in perfect condition as long as any keeping variety. (See illustration.) Price, pkt., 15c; oz., 30c; ¼ lb., 90c; lb., \$3.00; transportation paid.

824 GOLDEN CUSTARD BUSH. A very large, golden scalloped bush Squash, often 1 foot in diameter, productive and of extra quality.

Pkt., 10c; oz., 25c; ½ lb., 75c; lb., \$2.00; transportation paid.

834 LONG ISLAND WHITE BUSH (Henderson's). The white scalloped "Patty or "Cymling" has for years been a favorite summer Squash on account of its earliness, but this new sort is a vast improvement; it is just as early, more prolific and the Squashes are much deeper, and have less prominent scallops. plants are the true bush habit. (See illustration.)

Price, pkt., 10c; oz., 25c; ½ lb., 75c; lb., \$1.75; transportation paid.

836 MAMMOTH Bush Summer Crookneck. It is early and the fruits are large, measuring 20 to 24 inches in length, solid, heavy, and freely produced on healthy, vigorous plants of compact bush habit; fruits heavily warted; surface color deep golden, flesh yellow; and of superior quality. (See illustration.)

Price, pkt., 10c; oz., 25c; ½ lb., 75c; lb., \$1.75; transportation paid.

839 "STRAIGHT NECK" (New). Its straight neck makes it much easier to pre-

pare for cooking than its parent variety, the old Mammoth Crookneck.

It is similar in color and flavor to the parent variety, which is the highest that could be accorded to it. (See colored plate, page 40.)

Price, pkt., 15c; oz., 30c; ½ lb., \$1.00; lb., \$3.00; transportation paid.

842 WHITE BUSH SCALLOPED. The white "Patty Pan" or "Cymling" creamy-

white skin, fine quality, free cropper.
Price, pkt., 5c; oz., 20c; ½ lb., 50c; lb., \$1.25; transportation paid.

843 WHITE BUSH, GREEN TINGED. A very attractive variety, similar to White Bush Scalloped, except that fruits are tinged with green. Tender and of finest quality. A decided acquisition.

Price, pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$1.75.

844 YELLOW BUSH Summer Crookneck. A bush variety, early and prolific. Price, pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.25; transportation paid.

#### **AUTUMN AND WINTER VARIETIES**

819 BLUE HUBBARD. The squashes are light bluish gray in color, and the flesh is very fine-grained, dry and tasty, so that it is suitable for all purposes for which squash is used.

Price, pkt. 15c; oz. 30c; 1/4 ib. \$1.00; lb. \$3.00; transportation paid.

820 BOSTON MARROW. The most popular second early or autumn squashes. The reddish yellow skin is thin but the squash is fine-grained and firm. Price, pkt., 5c; oz., 20c; ¼ lb., 50c; lb., \$1.50; transportation paid.

823 COCOZELLE DI PERGOLA or Long Italian. An Italian variety of squash usually grown on a trellis or pergola. The vines are very vigorous, the squashes grow to a length of 3 or 4 feet and are about 4 inches in diameter. They are light green in color, and the pulp inside is pure white.

Price, pkt., 15c; oz., 30c; ¼ lb., 90c; transportation paid.

825 GOLDEN DELICIOUS (NEW). A very handsome fall squash, in size and shape similar to Gregory's Delicious, except the color is deep orange. attractive and of finest quality.

Price, pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$1.75.

826 GOLDEN HUBBARD. Similar to the old Hubbard, excepting the skin is of a rich orange-red.

Price, pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.00; transportation paid.

830 HUBBARD. Very productive, yielding large, heavy Squashes of dark bluish-green color. It is an excellent keeper and if properly stored may be used until May

Price, pkt., 10c; oz., 25c; 1/4 lb., 75c; lb., \$2.00; transportation paid. 832 LARGE WARTED HUBBARD. Everyone knows that Hubbard Squash is a good keeper. Warted Hubbard keeps even better and is larger. It is named on account of the excessive rough "warty" surface of the fruits, heavy warts indicate hard shell, and the harder the shell, the better the Squash will keep.

illustration.) Price, pkt., 10c; oz., 25c; 1/4 lb., 75c; lb., \$2.00; transportation paid.

838 MAMMOTH CHILE. The largest of all Squashes, often weighing 200 lbs. or

Price, pkt., 10c; oz., 30c; ½ lb., 75c; lb., \$2.00; transportation paid.

840 VEGETABLE MARROW BUSH. A favorite English variety, bearing freely oblong, dull yellow fruits, 10 to 15 inches in length.

Price, pkt., 10c; oz., 30c; ½ lb., 90c; lb., \$2.50; transportation paid.

# SQUASH

CULTURE.—Sow when the weather has become settled and warm. Plant in hills. For bush varieties, the hills should be four feet apart each way, and for the running sorts, eight feet. Eight or ten seeds should be sown in each hill one inch deep, thinning out after they have attained their third and fourth leaves, leaving two or three of the strongest plants. One oz. for 50 hills; three to four lbs. in hills for an acre.









CULTURE.—The seed should be sown in March or early April in a hotbed, greenhouse, or window of a room, where a night temperature of not less than 60 degrees is kept, in drills five inches apart and half an inch deep. When the plants are about two inches high, they should be set out three inches apart in boxes three inches deep, or polted into three-inch pots, allowing a single plant to a pot. They are sometimes shifted a second time into larger pots, by which process the plants are rendered more sturdy and branching. About the middle of May in this latitude, the plants may be set in the open ground.

881 CRIMSON CUSHION (Henderson's)

> Crimson Cushion is a scarlet "sport" from Ponderosa, and resembles the original stock in nearly all respects, but the color is brilliant crimson-scarlet. It bears a prodigious crop of perfectly shaped fruits of enor-mous size that ripen clear to the stem, while its rich color is sustained throughout the entire fruit.

> It ripens a few fruits immediately after the very early sorts, and from then right up to frost it yields a constant supply of massive, luscious fruits. These are always extremely solid, and remain so after cooking. Served in slices its solid tempting appearance compels instant admiration.

Price, pkt. 10c; oz. 75c; ¼ lb. \$2.25; transportation paid.

#### 883 DWARF CHAMPION

Of dwarf, stiff, upright growth. scarcely needing support; early and prolific, smooth, medium-sized fruits of red-purple color.

Price, pkt. 10c; oz. 50 ½ lb. \$1.50; transportation paid.



#### 885 EARLIANA

This is still the best extra early Tomato for the family garden, as it bears a very heavy crop quite early in the season. It has excellent flavor and is remarkably solid for an early sort. (See illustration.)

Price, pkt. 10c; oz. 50c; 1/4 lb. \$1.50; transporta-

#### 893 GLOBE

This variety is glossy pink with purple tinge. It is distinctly globe shape, large size, and of the finest quality, making it very desirable for slicing.

Price, pkt. 5c; oz. 50c; 1/4 lb. \$1.50; transporta-

#### 891 JUNE PINK

An extra early selection from Earliana, differing chiefly in outside color which is of the purplish-red preferred in some sections to scarlet. Flesh solid

Price, pkt. 10c; oz. 45c; 1/4 lb. \$1.35; transporta-

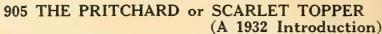
#### 894 MARGLOBE Resists Rust and Wilt

Almost perfectly round; of large size, and bright red It is one of the most productive tomatoes in cultivation, it being rare that a flower fails to set. It is a vigorous grower and is as well adapted for

cultivation under glass as for the open ground.

Marglobe is early and continues bearing over a long period of time. It possesses a delicious flavor, and this combined with its attractive appearance, its

immunity to wilt and rust, as well as to the tena-ciousness of its skin, which minimizes the cracking of the fruit, are certain to insure a promising future for it. (See illustration.)
Pkt. 15c; oz. 90c; ¼ lb. \$3.00; transportation paid



As a result of the extensive experiments conducted by the U. S. Dept. of Agriculture in their quest for a perfect disease, wilt and rust resisting tomato, several fine varieties have been developed; but, it is believed that this, their newest introduction is the most perfect sort yet produced.

Its general appearance is that of a scarlet-fruited variety of the popular

Its general appearance is that of a scarlet-fruited variety of the popular Marglobe, but it begins to bear much earlier. At our Trial Grounds, it was as early as Bonny Best. For its disease resistant qualities, it supersedes all others. The vines are very sturdy in growth—shorter than the Marglobe—and they produce the heaviest crops of any of its class.

Unlike other early varieties, Scarlet Topper continues to bear long after the other sorts have ceased. The fruits are large, from 3 to 3½ inches in diameter, are perfectly globe shaped and extremely attractive. This new variety is undoubtedly destined to occupy a leading place among the high quality tomatoes for the home and market garden. (See illustration.)

Price, pkt. 20c; 3 pkts. 50c; oz. \$2.00.



#### 906 STONE

This is one of the best and most popular main crop varieties. The plant is a strong grower, is very prolific and produces a crop of large, smooth fruits almost round in shape, very deep and slightly flattened at base and top

Price, pkt. 10c; oz. 60c;  $\frac{1}{4}$  lb. \$1.75; transportation paid.

916 Tomato-Bountiful Collection. Earliana, Globe, Henderson's Red Ponderosa.

Price, Collection of 3 pkts. 25c. Transportation paid.



## Henderson's World Famous Tomatoes

Shown in Colors on Pages 57 and 58

HENDERSON'S PRIZE TOMATO

## Winsall Wins

## Everywhere

The outstanding merits of Henderson's Winsall Tomato are its remarkably vigorous and disease-resistant growth, its uniformly round form, its large size, and the delicious flavor of its firm flesh.

Henderson's Winsall is about five days later than Ponderosa in maturing its first fruits, but its second fruits seem to ripen more rapidly than do the fruits of Ponderosa. The coloring is indeed perfection, the bright pinkish red extending close up to the stem ends. Henderson Winsall is undoubtedly the most meaty tomato ever produced; the entire fruit being edible, tender and delicious, and remarkable for an almost entire absence of seeds.

Our esteemed customer, Mr. D. P. McCracken, editor of Floral Lore, Paxton, Ill., writes
"It is the best of the fleshy class, and the fleshy sorts are best by long odds; it is as meaty as the 'Beefsteak,' yet devoid the tough, leathery walls of that famous variety. It is far more uniform in both size and conformation than the popular Ponderosa, and eclipses in productivity as well as bearing period, any tomato I have been able to secure in my fifty continuous years of growing.

"Picked just before the stem-end is entirely red, and spread on a low table, stem-end down, in a cool basement, it ripens in a day or two to as near perfection as could possibly be." (See colored plate. page 57.)

Winsall Tomato is very vigorous in growth and produces superabundant foliage. It is therefore necessary to prune away some of the superfluous foliage to admit light and air to the flowers and assist pollenization. A dense mass of leaves and vines overshadowing the blossoms will cause them to fall, and fail to produce fruit.

Price, pkt., 25c; 3 pkts. for 60c; ½ oz., \$2.00; 1 oz., \$3.50; transportation paid.

WE HAVE RECEIVED THOUSANDS OF LETTERS SOUNDING THE PRAISES OF WINSALL BUT HAVE NOT SPACE TO PRINT

#### A New Introduction for 1933 896 THE ORANGE TOMATO

(See colored plate, page 57)

#### A Real Deep-Orange Colored Tomato of Appetizing Appearance

We have been selecting this variety for several years in order to perfect it, and have a limited quantity of the seed to offer this year.

The vines are vigorous and free from disease; and the fruits are very large, almost equaling in size our famous Ponderosa. The outside color is a beautiful orange blush, and the inside color, a deep golden orange. There are very few seeds. The flavor is very good, mild and delicious; quite different from the yellow varieties which usually contain considerable acid.

Makes a most attractive dish when sliced and served with the red varieties. All our customers should try the Orange Tomato this year.

Price, pkt., 25c; 5 pkts. for \$1.00.

#### 900 PONDEROSA Henderson's Special Strain

Sometimes called Beef Steak

(See colored plate, page 58.)

#### For Years the Best and Most Popular in the American Garden -Produces Fruits Magnificent in Size Delicious in Flavor-

From its first appearance it gripped and held the admiration of and each recurring season sees thousands more added to the number of its appreciative admirers who have sent us testimonials in such numbers that if we printed them they would monopolize a quarter of the pages of the catalog.

There are two kinds of solid tomatoes. One derives its solidity from a thick-fleshed outer wall and a tough skin, and this is eagerly sought by the shipper. The solidity of Ponderosa is different. A serious defect in many sorts is the hard, core-like character of the cell walls, which frequently remain green and hard long after the other parts of the fruit are ripe.

We have succeeded so thoroughly in modifying, developing, and enlarging these cell walls in Henderson's Ponderosa that they have almost filled the seed cavities, which in less carefully bred strains contain only seed and watery pulp.

The original, highly bred and selected type of Ponderosa can only be secured direct from us, as we do not supply dealers. Spurious and uncared-for stocks will be disappointing.

Price, pkt., 15c; 2 pkts., 25c; oz., 90c; 1/4 lb., \$3.00. Transportation paid.

#### 888 THE FRUIT TOMATO

(See colored plate, page 58.)

Solid, Meaty, Sweet, Delicious Flavor Almost Seedless

At last we have developed a tomato that can be placed in the as its delicious, sweet flavor and solid meaty texture make it possible to eat it at any time as one would eat a peach.

Practically free from acidity and seeds, it makes a most delicious and appetizing morsel whether eaten raw between meals, as a dessert, or prepared in any of the standard methods

Vigorous in growth, disease-resistant, bearing great clusters of sweet, luscious, beautifully formed, deep pink tomatoes, this great addition to the list of table delicacies will soon be known and grown throughout the world.

A packet at least of this wonderful tomato should be planted in every garden this spring.

Price, pkt., 25c; 5 pkts., \$1.00.

#### 876 BEEFHEART

(See colored plate, page 58.)

#### A New Home Garden Tomato of Superior Excellence Customers Say It Is as Delicious as It Is Beautiful

Seven years before this unique variety was placed on the market by us, there appeared among the seedlings at our Experiment Farm a distinctly heart-shaped tomato. Our hybridizers were elated with their find, and forthwith watched and studied. Then followed the years of selection and hybridization to develop the perfect fruit, which it is our privilege to offer our customers.

Beefheart was offered by us for the first time in 1931, and the gist of the hundreds of testimonials from pleased customers who grew it last year, is that they have never grown a tomato that was more beautiful, more meaty, or better flavored. It is not uncommon to see the vines carrying fruits weighing from two to three pounds each.

The color is brilliant scarlet and the skin is so smooth as to give the fruits a polished appearance. The solidity and weight of this variety is derived not from a thick-fleshed outer wall and tough skin, but, like our famous Ponderosa, the seed cavities have given way to a solid mass of meaty, succulent flesh, so that the fruit is practically seedless

The plant is vigorous and bears large crops of beautiful fruit. Price, pkt., 25c; 5 pkts., \$1.00. Transportation paid

Our pamphlet entitled "Tomatoes, How to Grow Them," tells how to grow quality fruits for your table or prize fruits for exhibition. Sent free on request when ordering.

## TOMATO—continued

#### 877 BONNY BEST

Produces Large Size Tomatoes Bright Scarlet in Color

Bonny Best is decidedly the "best" in its class for the Market Gardener whose trade requires really fine fruits. It is almost as requires really nne truits. It is almost as early as Earliana; and is a larger tomato, and a heavier cropper. The fruits are deep scarlet in color, very smooth, perfectly round, solid and meaty. Bonny Best is also an excellent variety for the canner, as it yields from 12 to 15 tons to the acre. (See illustration.)

Price, pkt. 10c; oz. 50c; 1/4 lb. \$1.50.

#### 879 CHALK'S EARLY JEWEL

One of the best early varieties; about a week later than Earliana. The fruit of the Jewel, however, averages larger, is uniform solid, smooth, of fine quality, and brilliant scarlet; a heavy cropper.

Price, pkt. 5c; oz. 50c; 1/4 lb. \$1.50; transportation paid.



#### 878 BREAK-O'DAY

Produced by Dr. Pritchard of the U. S. Dept. of Agriculture

This marks an epoch in the breeding of globe-shaped tomatoes now so popular. It is a cross between the well-known variety Marglobe and another variety, not as yet introduced to commerce. It is greatly disease-resistant and is the same shape, color and size as Marglobe but much more solid; and to crown all is 10 to 12 days earlier in ripening. This means that Break-O'Day will ripen along with Bonny Best and the other extra early townsees but and the other extra early tomatoes, but excels them greatly in size solidity and seed-

Price, pkt. 15c; oz 60c; 1/4 lb. \$1.75

Henderson's Garden Fertilizer

See Description and Price, Page 170
Promotes a rapid and uniform growth which
is ideal for the development of Tomatoes.

#### HENDERSON'S GOLDEN PONDEROSA Special Strain

It Equals Ponderosa in Size But Bears Rich, Golden-Yellow Fruits in Abundance

889 A yellow Tomato that has color alone to distinguish it is not entirely novel. Many such varieties have been introduced, but, having failed to gain popularity owing either to lack of flavor or some other essential, have disappeared from cultivation. GOLDEN PONDEROSA is equal in every respect to its parent the red Ponderosa, possessing all the qualities that have made our Ponderosa a household word throughout the land, and, in

addition, has the striking color which compels instant attention. It originated as a "Sport" from red Ponderosa and comes remarkably true; but some parti-colored fruits may be expected. It presents a striking appearance when served sliced with the red Ponderosa, and supplies a decorative table effect both novel

Price, pkt. 20c; 3 pkts. 50c; oz. \$1.00; transportation paid.

#### SMALL FRUITING TOMATOES

For Salads, Preserves, Etc.

902 RED CHERRY. Bears clusters of bright red fruits the size of a Cherry.
Price, pkt. 15c; oz. 50c; transportation paid.
904 RED, PEAR-SHAPED. Produces bright red pear-shaped

fruits.

Price, pkt. 15c; oz. 50c; transportation paid.

908 STRAWBERRY, Winter Cherry or "Husk" Tomato. Low spreading plants, yellow fruits half an inch in diameter surrounded by a husk. Used for preserving.

Price, pkt. 15c; oz. 50c; transportation paid.
914 YELLOW PLUM. Oval-shaped yellow fruits 2 inches in

diameter.. Price, pkt. 15c; oz. 50c; transportation paid.

#### English Forcing Tomatoes

907 STIRLING CASTLE. Small size, solid; finest flavor; scarlet;

good for forcing under glass. (See illustration.)
Price, pkt. 25c; 5 pkts. \$1.00; transportation paid.

909 SUNRISE. Deep rich red. The finest Tomato for indoor or outdoor cultivation.

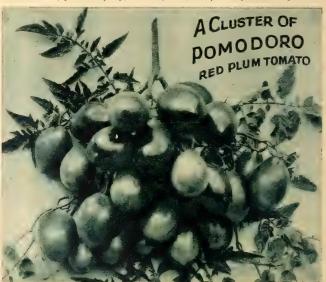
Price, pkt. 25c; 5 pkts. \$1.00; transportation paid.



#### 892 LARGE RED PLUM OR POMODORA (Italian)

A beautiful bright red plum-shaped tomato. It is the most delicious and attractive salad tomato ever introduced. It contains practically no acid and possesses a delicate flavor so much desired in salads. Large Red Plum is one of the best varieties in cultivation for making the delicious tomato preserve, and it is also ideal for dehydrating. It is one of the most prolific tomatoes we have ever grown, beginning early in the season and continuing uninterruptedly up to frost. The fruits are the size of a good-sized plum and are borne in clusters of six or more. (See illustration.)

Price, pkt. 20c; 3 pkts. 50c; oz. \$1.00; transportation paid.



Henderson's Garden Guide and Record (new edition) is an authority on vegetable culture—written in a terse easily understood manner. It is free on request with orders of \$3.00 or over or sold at 35c per copy. (See page 1.)

CULTURE.—Sow the early varieties in April or May in drills, from fifteen to eighteen inches apart, and thin out from four to six inches in the rows. For a succession sow at intervals of a fortnight until the last week in May for early crop, and in July or August for the fall crop, at which season it grows best. One oz. to 150 feet of drill.

JAPANESE TURNIP

TOKYC

## **TURNIP**

## Japan Sends Us Two Valuable New Turnips

See colored plate on page 40.

#### 919 EARLIEST FLAT JAPAN

The earliest turnip in cultivation, maturing in about 37 days. This delightful gem is destined to create a new interest in this excellent vegetable. The beautiful smooth glistening appearance of the small flattish snow white turnip and the mild delicate flavor, will make it a welcome addition to the daily diet.

It is particularly recommended for an early spring crop, for it is at this season most turnips are inclined to have a slightly bitter flavor which is entirely missing in this sort. The foliage of most turnips grows close to the ground and becomes an ideal breeding place for aphis; not so this variety, it grows directly upright, consequently it does not protect aphis and also permits thorough spraving.

Price, pkt. 10c; oz. 25c; 1/4 lb. 75c; lb. \$2.00; transportation paid.

#### **937 TOKYO**

Like the foregoing, is also a new Japanese turnip; it varies, in that the turnips are globular in shape, otherwise it is very similar with the exception that it is three or four days later than the Earliest Flat Japan.

In many sections turnip greens is very popular. Tokyo is especially recommended for this purpose, because the foliage grows upright and is very resistant to the attacks of aphis or blight and produces a fine crop of foliage. (See illustration.)

Price, pkt. 10c; pz. 20c; ½ lb. 65c; lb. \$1.75; transportation paid.

Price, pkt. 10c; oz. 20c; 1/4 lb. 65c; lb. \$1.75; transportation paid.

#### 918 EARLY PURPLE TOP MILAN

Resembles White Milan, but has purple top. Price, pkt. 10c; oz. 15c; 1/4 lb. 45c; lb. \$1.35; transportation paid.

#### 920 EARLY RED TOP STRAP LEAVED

This is a quick-growing sort for the early spring crop. It grows rapidly and in eight weeks from sowing will produce a good crop of tender roots of mild flavor. The leaves are short, the roots quite flat, the upper half reddish purple, the lower half white. The flesh is pure white, crisp and fine grained.

Price, pkt. 5c; oz. 15c; ¼ lb. 35c; lb. 90c; transportation paid.

#### 922 EARLY WHITE MILAN

An extra early variety of rapid growth, and with very small leaves Price, pkt. 10c; oz. 15c; ¼ lb. 45c; lb. \$1.35.

#### 930 PURPLE TOP WHITE GLOBE

A very large globe-shaped variety. The upper surface of the bulb is reddish purr'the lower part is white. It grows smooth, has a small root and medium-sized to, The flesh is pure white, crisp, very fine and is one of the best sorts to store for winter Recommended for fall crop. (See illustration.)

Price, pkt. 10c; oz. 15c; ¼ lb. 35c; lb. 90c; transportation paid.

#### 936 SNOWBALL

An excellent sort to sow very early for a good spring crop.

Price, pkt. 5c; oz. 15c; ½ lb. 35c; lb. 90c; transportation paid

#### 938 WHITE EGG

An oval or egg-shaped variety, with smooth, thin, white skin and snowy white flesh; firm, mild and sweet.

Price, pkt. 5c; oz. 15c; ½ lb. 35c; lb. 90c; transportation paid.

#### Yellow Fleshed Varieties

#### 926 GOLDEN BALL or "Orange Jelly"

A very distinct variety, and the finest yellow-fleshed sort for family use. It grows a very shapely bulb, medium in size, almost round, very smooth, and quite free from side roots. The skin is pale yellow, the flesh deep yellow throughout, and so fine in texture as to earn the name "Orange Jelly." Sown in July it gives a very satisfactory crop in early fall, but can be stored and used during the winter. (See illustration.)

Price, pkt. 10c; oz. 15c; ¼ lb. 35c; lb. 90c; transportation paid.

#### 940 YELLOW GLOBE

A yellow-fleshed, globe-shaped variety, of large size; a splendid winter-keeper; excellent for both table and stock.

Price, pkt. 5c; oz. 15c; ½ lb. 35c; lb. 90c; transportation paid.

Our Pamphlet, "Garden Culture of Root Crops" tells how to grow Turnip and Ruta Baga. Sent free on request when ordering.

# RUTA BAGA-Swede or Russian Turnip-Culture same as Turnip

#### 945 EARLY CORTLANDT (Henderson's)

949 RIVERHEAD, L. I., Strain (New)

The Earliest and Sweetest Ruta Baga

Henderson's Early Cortlandt is the forerunner of a new race of Ruta Bagas. It is generally known that the older sorts are is generally known that the older sorts are usually bitter and unpalatable till touched by frost. Early Cortlandt is sweet, tender and delicious long before the time for the first frost arrives. It is very attractive in appearance, being a rich deep cream with a blending of nankeen yellow, green and purple on the top of the root. The roots are medium in size, round with a flatiened top and very uniform. The top growth is small and they may be grown closer together, than any other grown closer together than any other

Price, pkt. 10c; oz. 20c; ¼ lb. 60c; lb. \$1.50; transportation paid.

#### 944 GOLDEN HEART (Henderson's)

Excellent for the family garden. It grows as clean and smooth as a Turnip. Both tops and roots are smaller than those of any sort; it may therefore stand closer in the row, and may also be sown later in the season. The flesh is remarkably fine grained and of good flavor.

Price, pkt. 10c; oz. 15c; ¼ lb. 40c; lb. \$1.00; transportation paid.



The Long Island Ruta Bagas have established a nation wide reputation for their high quality; so, when an improvement appears in this type, it can be accepted at once as an outstanding and extraordinary sort. For many years, it has been the object of growers of this valuable vegetable to obtain a type that would be finer in texture and flavor. In other words, to grow a ruta baga that would create a greater appeal for table use. We believe that the Riverhead strain will supply that appeal. It is very refined in appearance, smooth and clean, medium in size, globular in shape with small top growth and no indication of a neck. Its flavor is sweet and delicious; as desirable for the home garden as it will be for the market grower.

Price, pkt. 10c; oz. 15c; ¼ lb. 45c;

Price, pkt. 10c; oz. 15c; ¼ 1b. 45c; 1b. \$1.25; transportation paid.

#### 950 IMPROVED LONG ISLAND (Henderson's)

It is twice the size of ordinary American

stocks.

Long Island Improved has been bred

American Purple Top, over Long Island Improved has been bred from the American Purple Top, over which it is a great improvement. It is much larger, has no neck, and is a remarkably good keeper; the flesh is rich yellow, and of fine quality.

Price, pkt. 5c; oz. 15c; 1/4 lb. 40c; lb. \$1.00; transportation paid.

## HERBS

#### Sweet Pot and Medicinal

951 Anise. For garnishing, cordials and flavoring.
Pkt. 15c; oz. 30c; ¾ lb. 90c.
955 Basil, Sweet. The popular Basilico Napolitano of the Italians. The leaves and tops of the shoots are used for soups, stews and sauces.
Pkt. 15c; oz. 35c; ¼ lb. \$1.00.
957 Borage. Excellent for bees. The leaves are used in salads or boiled as spinach; the flowers are aromatic and used in cool drinks.
Pkt. 10c; oz. 20c; ¼ lb. 60c.
959 Caraway. The aromatic seeds are used in confectionery, calcarant.

959 Caraway. The aromatic seeds are used in confectionery, cakes and medicine. Pkt. 10c; oz. 20c; ½ lb. 60c.
961 Catnip. Used for seasoning and bee food. Pkt. 15c; oz. 75c.

961 Catnip. Used for seasoning and bee food. Pkt. 15c; oz. 75c.
963 Coriander. For garnishing; seeds aromatic. Pkt. 15c; oz. 25c.
965 Dill. The aromatic seeds are used in pickles, preserves, soups and sauces. Pkt. 10c; oz. 15c; ½ lb. 45c.
969 Fennel Sweet. The leaves enter into sauces. Pkt. 10c; oz. 25c.
973 Horehound. Useful for its tonic properties and for cough remedies. Pkt. 10c; oz. 40c.
975 Hyssop. For medicinal purposes. Pkt. 15c; oz. 30c.
977 Lavender. A popular aromatic herb, emitting a delightful perfume. Pkt. 15c; oz. 60c.
978 Marjoram, Sweet. The leaves and shoots are used for seasoning. Pkt. 10c; oz. 50c; ½ lb. \$1.50.
983 Rosemary. Used for seasoning. Pkt. 20c; oz. 60c.
985 Sage. Used both green and minced or dry and powdered for seasoning. Pkt. 10c; oz. 50c; ½ lb. \$1.50.
989 Savory, Summer. Used for seasoning and flavoring soups and dressings. Pkt. 15c; oz. 60c; ½ lb. \$1.75.
991 Savory, Winter. A hardy perennial. Pkt. 15c; oz. 60c.
993 Tansy. Pkt. 25c; oz. \$1.00.
993 Thyme, Broad-leaved. Pkt. 15c; oz. 75c.
All transportation paid.

All transportation paid.

## 367 WITLOOF CHICORY or French Endive

Called also "French Endive," "Brussels Chicory," and "Christmas Salad". Seed sown in spring produces long, thick roots, which, after lifting and "resting" a few days are replanted to start new growth, when they form the blanched crowns which make the tenderest and most delicately flavored of salads. (See illustration.)

Price, pkt. 10c; oz. 25c; 1/4 lb. 75c.; transportation paid. Henderson's booklet "Salads Growing and Blanching" gives full cultural directions. Sent free on request with orders.



#### TOBACCO SEED

Primus. The earliest of all; succeeds well even as far north as Canada. Pkt. 15c; oz. 75c; ½ lb. \$2.00.

Zimmer's Spanish. The earliest and best American-Spanish, and a favorite cigar variety, increasing in demand and culture every year. Pkt. 15c; oz. 90c; ½ lb. \$3.00.

Havana, Imported. Pkt. 15c; oz. \$1.00; ¼ lb. \$3.50.

Havana, Domestic. Pkt. 15c; oz. 75c; ¼ lb. \$2.00.

Sumatra, Domestic. Pkt. 15c; oz. \$1.00; ¼ lb. \$3.50.

Connecticut. Pkt. 15c; oz. 75c;

Kentucky. Pkt. 15c; oz. 75c; 1/4 lb. \$2.00.

Virginia. Pkt. 15c; oz. 75c; 1/4 lb.

All transportation paid.

#### Make Your Garden Work Full Time-Grow Vegetables for Winter

With proper management, fresh vegetables may be had from the garden

garden have by no means been exhausted after the first crop is produced. Sowings may be made all during the summer, till well into fall. The dates below are for the latitude of New York. almost from the beginning till the end of the year.

We wish to make it generally understood that the possibilities of the

#### Varieties and Last Date for Sowing

Asparagus Roots, Plant Early Spring and up to Nov. 15th. Beans, Lima, June 5th. Beans, Dwarf or Bush, until Aug. 1st. Beets, Aug. 15th. Brussels Sprouts, up to June (in seed bed.)

Cabbage, June 15th. Carrot, Aug. 15th. Cauliflower, June 15th. Celery, April 10th. Chinese Cabbage, Aug. 10th. Collards, July 5th. Corn Salad, Aug. 10th.

Corn, Sweet, July 5th. Cress, Garden, Sept. 1st. Cress, Water, Aug. 1st. Cucumber, July 15th. Endive, Aug. 1st. Kale, Aug. 1st.

Kohl-Rabi, July 15th.

Lettuce, Aug. 15th. Mustard, Aug. 15th. Onion Sets (Perennial), Oct. 30th.

Parsley, Aug. 1st. Parsnip, May 1st. Peas, July 15th.

Pumpkin, to June. Radish, Spring, until Sept. Radish, Winter, to Aug. Ruta Baga, to June. Spinach, Sept. 15th. Swiss Chard, Aug. 1st. Turnip, Aug. 1st.

# HENDERSON'S PRIZE TOMATO "WINSALL"





# Succession Collections of Henderson's Tested Vegetable Seeds

By planting the Succession Collections offered here, it is possible for the Home Gardener to extend the bearing seasons to their extreme limits, thereby insuring a plentiful supply of vegetables to be gathered fresh from the garden, with all their tempting lusciousness

Henderson's Vegetable Seed Collections are Delivered Transportation Paid in the U.S.

### Succession Collection of Green and Wax Varieties

tion.

and

Black Valentine, Green pod, early Red Valentine, Green pod, 2nd early Black Wax, early Wardwell's Kidney Wax, midseason	See descrip pages 9, 10 11
,	

Price 1 pkt. each of 4 sorts.....\$ .30 1 lb. each of 4 sorts..... 1.25 2 lbs. each of 4 sorts..... 2.25

#### 239 BEET Succession Collection

(See description, pages 14 and 15)

Extra Early Egyptian, for first crop. Early Blood Turnip, midseason. De-Early Blood Turnip, troit Dark Red, late.

Price, Coll. of 3 pkts. 25c; 1 oz.

#### 312 CARROT Succession Collection

Farly Scarlet Horn	
Early Scarlet HornChantenayDanvers.	See descrip-
Danvers	tion, page 18
Price, Coll. of 3 pkts. 2	Uc; oz. each 55c.

#### 354 CELERY Collection Three Plumed

Rose Plume. Golden Plume White Plume	e	 	  	. ] : j	See	page	22
n 1 0 11	-			-	^		

Price, Coll. 1 pkt, each 50c.

#### 135 CORN, SWEET

The Continuity Collection of Five Varieties

These collections are made up of 5 varieties to supply the home table continuously throughout the season with tender, milky and delicious Sweet Corn. Seeds of the entire collection should be planted at one time, otherwise the succession will be broken.

Plant Pocahontas for extra early. Metropolitan for early. Golden Bantam for medium early. Country Gentleman for mid-season. Stowell's Evergreen

(See description on pages 24 and 25)

#### PRICES

1 pkt. each of 5 varieties (sufficient for 125 hills)\$ .45
1 lb. each of 5 varieties (sufficient for 600 hills)
2 lbs. each of 5 varieties (sufficient for 1200 hills)

#### 34 BUSH BEANS, DWARF 419 CUCUMBER All Season Collection

(See description, page 26) Cool and Crisp. The Henderson. Green Prolific, extra early for picking. Price, Coll. of 3 pkts. 25c; 1 oz.

## 530 HEAD LETTUCE "Succession" Collection of Four

From these may be grown the best Lettuce possible, continuously from early spring to late fall. Sow at intervals as given in our cultural pamphlet. Mignonette for Extra Early.

See description, page 32

Salamander, for second early.

See description, page 33 New York for main summer crop.

See description, page 32 Big Boston for spring and fall crop. See description, page 31 Price, 1 pkt. each 35c; 1 oz. each \$1.00.

## 560 MUSKMELON Favorite Collection

Early Hackensack. Rocky Ford. Emerald Gem. (See description, pages 34 and 35)

Price, Coll. of 3 pkts. 25c; 1 oz.

## 199 PEAS Four Best Tall Varieties

The varieties composing these collections have been selected as the best of the true and tried wrinkled Peas of superior quality for home use, including extra early, medium main crop and late varieties, so that a continuous supply of luscious peas can be had from the successively maturing sorts for several

Horsford's Market Garden, for early...see page 43

Horsford's Market Garden, see page 43

Telephone, for midseason...see page 43

American Champion, for

## 200 PEAS Four Best Dwarf Varieties

Nott's Excelsior, for extra early....see page 42 early....see page 42 Melting Marrow, for early....see page 42 Advancer, for mid-season...see page 43 Dwarf Telephone ..... See page 43

PRICES (State whether Tall or Dwarf is wanted).

1 pkt. each of 4 sorts (enough for 50 feet of drill).....\$ .35 1 lb. each of 4 sorts (enough for 200 feet

of drill).....\$1.35 2 lbs. each of 4 sorts (enough for 400 feet of drill).....\$2.50

#### 622 ONION Collection of Famous Globes

(See description, page 37)

Southport White Globe. Southport Red Globe. Southport Yellow Globe.

Price Coll. of 3 pkts. 25c; 1 oz. each 90c.

## 768 RADISH Henderson's Five Turnip Varieties

(See description, page 47)

Early Scarlet Globe. White Tipped Scarlet Turnip.
Early Round Dark Red.
Early Scarlet Turnip.
Rose Turnip. Price, Coll of 5 pkts. 35c; 1 oz. each 85c; 1/4 lb. each \$2.35.

## 769 RADISH Rocket Collection

(See description, page 48)

Red Rocket. White-Tipped Rocket. White Rocket. Price, Coll. of 3 pkts. 25c; 1 oz. each 60c.

## 850 SQUASH Kitchen Garden Collection

(See description, page 51)

White Bush Scalloped. Yellow Bush Summer Crookneck, Hubbard.
Price, Coll. of 3
pkts. 20c; 1 oz. pkts. 20 each 55c.

#### 916 TOMATO **Bountiful Collection**

Earliana..see page 52 Globe....see page 52



# Henderson's Superior Recleaned Grasses

For Pasture, Hay, Turf on Golf Courses, Athletic Fields, Etc., Etc.

Cleaned at the source of production, and recleaned in our own warehouses with the most modern seed-cleaning machinery in America. They are then analyzed and tested by us, and verified by check tests at State and Government Stations.

Henderson's Individual Recleaned Grasses are therefore Unequaled for Purity and Germination.

Better turf is obtained in most cases if a mixture of grass seed is sown. We will be glad to make special mixtures when desired in accordance with the purchaser's requirements or after his own formulas. Transportation Charges Paid.

Awnless Brome Grass (Bromus Inermis). Will produce heavy crops in dry sections and on poor soils when other grasses perish. It is one of the hardiest grasses and succeeds in a wide range of temperature. Price, 50c per lb.; 10 lbs., \$4.50; \$35.00 per 100 lbs.

**Bent, Astoriana** (Agrostis Capillaris). This variety differs from Rhode Island Bent in that it is an underground creeper, usually by rhizomes. It gives a dense, reinforced sod of a pleasing green color and a fine texture. Very desirable for putting greens and lawns. Price, \$1.50 per lb.; 10 lbs., \$14.00; 25 lbs., \$28.00; \$100.00 per 100 lbs.

Bent, Colonial (Agrostis Tenuis). This grass imported from New Zealand, is identical with Rhode Island Bent. Leaf-blades very narrow and flat; dark green; slightly creeping habit and makes a fine turf for putting greens. It succeeds on all well drained soils and will thrive on acid soils. Price, \$1.60 per lb.; 10 lbs., \$15.00; 25 lbs., \$25.00 ex 100 lbs. \$35.00; \$125.00 per 100 lbs.

Bent, Creeping (Agrostis Species or South German Mixed Bent)
This is undoubtedly one of the finest grasses for putting greens.
The distinctive feature of this species is its compact, creeping rooting stems. The stoloniferous roots form a strong, enduring turf which withstands hard usage. Does well on all soils, particularly on light, moist land. Price, \$1.50 per lb.; 10 lbs., \$14.00; 25 lbs., \$28.00; \$100.00 per 100 lbs.

**Bent, Rhode Island** (Agrostis Tenuis). Rhode Island Bent is distinguished from Red Top by its dwarfer habit, shorter and narrow leaves and its peculiar open panicle which does not become closed when mature. Thrives well on acid soils. Rhode Island Bent produces only short stolons or runners; makes a very fine dark green turf. An excellent grass for putting greens. Price, \$1.60 per lb.; turf. An excellent grass for putting greens. Price 10 lbs., \$14.00; 25 lbs., \$28.00; \$110.00 per 100 lbs.

Bent, Seaside (Agrostis Maritima). This was first identified in Oregon, and has been offered by others under a special trade name It is a hardy creeping variety, forming a close mat-like sward and is very desirable for putting greens. Does well in moist situations, making a rapid growth; blades are almost as narrow as true creeping bent. It is a vigorous stoloniferous creeper and the only bent that compares favorably with Creeping or Velvet Bents. Priper lb.; 10 lbs., \$15.00; 25 lbs., \$35.00; \$125.00 per 100 lbs.

Bermuda Grass (Cynodon Dactylon). A most valuable grass for the southern course. It is of dwarf habit with long creeping stems, rooting at the joint and covering the ground with a matting of fine turf. It grows on all types of soils but shows a preference for clay and clay loams, and particularly land that is well limed. Price, 50c per lb.; \$35.00 per 100 lbs.

Blue Grass, Canada (Poa Compressa). A very hardy perennial grass with creeping root-stocks. It grows on the poorest and driest soils—sandy, gravelly, or clayey, standing severe wetness or drought. A useful grass on Fairways and Tees. Price, 50c per lb.; 10 lbs., \$4.00; 25 lbs., \$8.75; \$30.00 per 100 lbs.

Blue Grass, Kentucky (Poa Pratensis). It is a true perennial lasting indefinitely and improving every year. Kentucky Blue Grass has creeping underground stems; leaf blades very narrow; color a deep, vivid green. It is one of the very best grasses for Fairways in the North and succeeds well on all good soils, especially where lime is used. Price, 50c per lb.; 10 lbs., \$4.00; 25 lbs., \$8.75; \$30.00 per 100 lbs.

Crested Dog's Tail (Cynosurus Cristatus). Should enter in moderate quantity in pasture and lawn mixtures. Price, 55c per lb.; 10 lbs., \$5.00; \$40.00 per 100 lbs.

Fescue, Chewing's New Zealand (Festuca Chewings). variety of Red Fescue imported from New Zealand is now recognized as one of the leading grasses for Putting Greens and Fairways. Makes a fine, compact turf of a dark green color. Price, 50c per lb.; 10 lbs., \$4.00; 25 lbs., \$8.75; \$30.00 per 100 lbs.

Fescue, Creeping Red (Festuca rubra North German grown). is the true creeping variety thriving well on poor soils, and especially adapted for shaded locations. It forms a dense, permanent turf which leaves little room for weeds to come through. Price, 75c per lb.; \$16.00 per 25 lbs.; \$60.00 per 100 lbs.

Fescue, Fine Leaved Sheep's (Festuca Tenuifolia). The leaves of this variety are very fine and dark green. It thrives on very dry soils and in the shade. Price, 70c per lb.; 10 lbs., \$6.00; 25 lbs., \$14.00; \$50.00 per 100 lbs.

Fescue, Hard (Festuca Duriuscula). A variety of Sheep's Fescue. Leaves broader, wire-like, not flat. Grows in bunches if sown alone. For the "rough" where the soil is thin or sandy, it thrives well. Price, 50c per lb.; 10 lbs., \$4.50; 25 lbs., \$10.00; \$35.00 per 100 lbs.

Fescue, Meadow (Festuca Pratensis). This grass is also called English Blue Grass, and in the South, Randall's Grass; flat and bright green. Grows to a height of 30 inches when left uncut. For wet soils few grasses are equal to Meadow Fescue. Price, 35c per lb.; 10 lbs., \$2.75; 25 lbs., \$6.00; \$20.00 per 100 lbs.

Fescue, Red (Festuca Rubra). Forms a close and lasting turf of dark green, specially adapted for dry, sandy soils. It resists extreme drought and thrives on inferior soils, gravelly banks and exposed hillsides; also in the shade. It is preferred to the Bents on the sandy type of soil in the Northern States for Putting Greens. Lime need not be used where this grass is desired. Price, 50c per lb.; not be used where this grass is desired. If 10 lbs., \$4.50; 25 lbs., \$10.00; \$35.00 per 100 lbs.

Fescue, Sheep's (Festuca Ovina). It is a bunch grass, forming dense tufts 3 to 6 inches in diameter with wire-like leaves 2 to 4 inches long of bluish gray. It is an excellent grass to grow on poor sandy soils for Fairways, when mixed with other grasses, as it helps to make a durable sward. Sown alone, it is too bunchy. For the "rough" on sandy soil, it is excellent. Price, 50c per lb.; 10 lbs., \$4.50; 25 lbs., \$10.00; \$35.00 per 100 lbs.

Fescue, Various Leaved (Festuca Heterophylla). This grass is a native of Europe; the leaves fine and dark green and the plant is of a tufted habit though slightly creeping. It does best on soils rich in humus. Used to a limited extent on Fairways and Tees. Price 70c per lb.; 10 lbs., \$6.00; \$55.00 per 100 lbs.

Fescue, Tall Meadow (Festuca Elatior). Early, nutritive and productive in pastures on wet or clay soils. Price, 60c per lb.; 10 lbs., \$5.50; \$45.00 per 100 lbs.

Orchard Grass (Dactylis Glomerata). A valuable grass in mixtures either for pasture or hay. Price, 40c per lb.; 10 lbs., \$3.50; 25 lbs., \$7.50; \$25.00 per 100 lbs.

Red Top Fancy (Agrostis Palustris). It is a perennial grass with a creeping habit of growth; leaf blades narrow. Red Top is a remarkable grass, accommodating itself to a variety of soils and conditions. It grows well on wet land. It is strongly drought-resistant and flourishes on soils so very poor in lime that most other grasses fail. Price, 40c per lb.; 10 lbs., \$3.50; 25 lbs., \$7.50; \$25.00 per 100 lbs.

Rye, Domestic. A mixture of Italian and English grown in the United States. Price, 30c per lb.; 25 lbs., \$4.50; \$15.00 per 100 lbs.

Rye Grass, English (Lolium Perenne). It grows rapidly and makes a good showing in a month. Price, 30c per lb.; 25 lbs., \$4.50; \$16.00 per 100 lbs.

Rye Grass, Italian (Lolium Italicum). Like Perennial Rye Grass, it is a rapid grower and is treated as an annual. It is used largely in the South to sow over the Bermuda sod as soon as it turns brown. Used in this way, it makes an excellent Fairway for the winter. Price, 30c per lb.; 25 lbs., \$4.50; \$15.00 per 100 lbs.

Rye Grass, Pacey's Perennial (Lolium Perenne Pacey's). This variety used in a mixture is an excellent "nurse" grass where a quick grass where a quick turf is desired. It produces a verdant growth four or five weeks after sowing. The leaves are narrow, flat and smooth. Price, 35c per lb.; 10 lbs., \$2.75; 25 lbs., \$6.00; \$20.00 per 100 lbs.

Rough Stalked Meadow (Poa Trivialis). A spreading, thickly matting, stoloniferous-rooted species; leaf blades narrow, flat, and dark green in color. Forms a fine turf and adapted for shady situation on Fairways under trees. Thrives on moist and stiff clay lands. Rough Stalked Meadow (Poa Trivialis). Price, 70c per lb.; 10 lbs., \$6.00; 25 lbs., \$14.00; \$50.00 per 100 lbs.

Sudan Grass (Sorghum). A valuable forage plant introduced from Egypt, similar in appearance to Johnson Grass but makes a Sow 20 lbs. per acre. Price, 25c per lb.; 25 lbs., \$4.50; \$15.00 per 100 lbs.

Sweet Vernal, True Perennial (Anthoxanthum Odoratum). Emits an agreeable odor, which it imparts to the hay. Price, \$1.25

Tall Meadow Oat (Avena Elatior), mended for soiling and hay mixtur 10 lbs., \$5.00; \$40.00 per 100 lbs. Of rapid growth, recommixtures. Price, 60c per lb.;

**Timothy** (*Phleum Pratense*). The grade we offer is choice, free from weed seeds and of high germinating power. Price, 25c per lb.; 25 lbs., \$3.50; \$10.00 per 100 lbs.

Wood Meadow Grass (Poa Nemoralis). This grass is adapted for moist, shady places and should be included in mixtures for shady places. Price, 75c per lb.; 10 lbs., \$7.00; 25 lbs., \$16.00; \$60.00

Yarrow (Achillea Milletolium). Used to a great extent on Tees. It is a deep-rooting perennial and withstands drought. Sow alone, or with grass mixtures. Price, \$1.50 per lb.



## Henderson's Special Grass Mixture for Hay and Pasture

Produce Wonderful Hay Crops and Luxuriant Pasture Lasting for 20 Years or More

#### HAY AND PERMANENT PASTURE

#### Special Grass Seed Mixture

This mixture is made up of native and acclimated foreign Grasses thoroughly blended, and improved upon during trials under widely varied conditions, soils and localities for several years until practically perfect, our aim being to produce, under the extremes of the American climate, a **permanent**, dense and deep-rooting turf that would yield year after year the maximum quantity of foliage. These Grasses are of superior quality, inviting, sweet and nourishing, whether used as hay or pasture.

In preparing these Mixtures, the greatest care is exercised in selecting such varieties as are suited to the soil to be sown and are likely to realize the object in view. Therefore, a description of the soil, whether Light, Medium or Heavy, and climate, and if with or without a grain crop, should accompany each order. (See illustration.) Sow 40 lbs. per acre.

Price, 50c per lb.; 10 lbs., \$4.00; 25 lbs., \$8.75; \$30.00 per 100 lbs.; transportation paid.

David E. Howatt of the famous Rancocas Farm says "IROQUOIS and all our famous racers grow upon Henderson's Pasture Grasses."

#### PERMANENT PASTURE

#### Special Grass Seed Mixture

There is no more important part of a farm than a good pasture, and that can only be obtained by the use of the proper Grasses, varieties that have different root formations and different habits and season of growth, in order to maintain a rich, close turf throughout the entire season. Timothy should never be used for pasture because it will not stand trampling, and soon runs out when heavily pastured and at best is short-lived, as compared with the permanent Grasses used in our Special Mixtures. These Mixtures contain over a dozen of the best permanent Grasses, both American-grown and imported. All are permanent, and when once established will last indefinitely, if the fertility of the soil is kept up by occasional top-dressing. Sow 40 lbs. per acre.

Price, 50c per lb.; 10 lbs., \$4.00; 25 lbs., \$8.75; \$30.00 per 100 lbs.; transportation paid.

#### PERMANENT HAY

Special Grass Seed Mixture

#### Supplies a Good Crop of Hay in Dry Seasons When Ordinary Hayfields Are Burned Up

Although the most widely cultivated Hay Grass in the United States is Timothy, or a mixture of Timothy and Clover, and while they answer the purposes admirably on farms where the soil is suitable and where the usual three and four years' rotation is carried on, yet there are many Grasses which will yield more profitable returns.

An acre of Henderson's Special Grass Mixture for Permanent Hay will yield double the quantity of an acre of Timothy and Clover, and the farmer whose land is sown with a proper mixture of Permanent Grasses, requiring only an occasional top-dressing of manure or fertilizer to maintain heavy cropping qualities for twenty years or more, avoids the expense of the yearly plowing, and cultivating necessary in rotation cropping. Sow 40 lbs. per acre.

Price, 50c per lb.; 10 lbs., \$4.00; 25 lbs., \$8.75; \$30.00 per 100 lbs.; transportation paid.

#### WOODLAND PASTURES

#### Special Grass Seed Mixture

Is composed of a selection of Grasses which will thrive under trees. Orchard Grass is one of the best Grasses for the purpose, but this mixture is much superior, as it will make a closer and more even pasture than Orchard Grass alone. Sow 40 lbs. per acre.

Price, 55c per lb.; 10 lbs., \$4.50; 25 lbs., \$10.00; \$35.00 per 100 lbs.; transportation paid.

#### RENOVATING MIXTURE

#### For Impoverished Grass Lands

Sow the grass seed at rate of 40 lbs. to an acre.

Price, 50c per lb.; 10 lbs., \$4.00; 25 lbs., \$8.75; \$30.00 per 100 lbs.; transportation paid.

Full directions for sowing enclosed in every bag. In ordering, state whether for Light Soils, Heavy Soils or Medium,

#### MIXED PERMANENT CLOVERS

Do not omit to sow Clover with the Grasses, as they add to the yield of hay and pasture, and by their ability to collect atmospheric nitrogen and store it in the root nodules, assist the growth of the Grasses and are of considerable benefit to subsequent crops.

Mixed Permanent Clovers, on account of their greater weight, should be sown separately, but at the same time as the Grasses. This Mixed Clover comprises White, Mammoth Perennial or Cow Grass, Alsike, etc. Sow 10 lbs. per acre.

Price, 55c per lb.; 10 lbs., \$4.50; 25 lbs., \$10.00; \$35.00 per 100 lbs.



#### ALFALFA, Grimm

The Hardiest Alfalfa Known

This strain of Alfalfa seed endures extremely low temperature, and will bear more abuse in the way of pasturage than any other forage plant. Grimm Alfalfa has larger crowns, and a more spreading root system than the ordinary Alfalfa, and will yield from ten to fifteen per cent. more, will start and thrive in moist locations, where the ordinary sort was tried unsuccessfully

Sow broadcast 30 lbs. per acre, 25 lbs. if drilled.

Price (Domestic grown), 65c per lb.; \$6.00 for 10 lbs.; 25 lbs. \$14.00; \$50.00 per 100 lbs.

Write for our pamphlet, "Alfalfa on Northern Farms," free to all applicants.

#### ALFALFA, Northern Grown Henderson's Recleaned

Our strain of Alfalfa seed is grown in far Northern regions where plants have to endure extreme cold and still thrive in those high alti-Our experience—and that of our customers—has shown that tudes. Our experience—and that of our customers—has shown that such seed is undoubtedly the best for the Northern and Eastern States, and that it excels all others in hardiness. Before offering this seed to our customers for sale, it is thoroughly recleaned by the most modern seed cleaning machinery in America. Sow in the Northern States during June, July and August, 30 to 40 lbs. of seed per acre if broadcast, 25 to 30 lbs. if drilled. In the South sow in February or September September.

Price, (Domestic grown), 50c per lb.; \$4.50 per 10 lbs.; 25 lbs. \$10,00; \$35.00 per 100 lbs.

## **CLOVER—HENDERSON'S SUPERIOR**

## Natural Soil Improvers—Unexcelled for Stock Feeding

#### ALSIKE or Hybrid (Trifolium Hybridum)

Alsike is a perennial and one of the hardiest of all Clovers, thriving in the coldest climates, making hay of fine texture. Height, 1 to 2 feet

We advise farmers to add 2 to 3 lbs. per acre to their usual seeding of Red Clover and Timothy. Sow (if alone) 8 lbs. per acre. Price, 45c per lb.; \$4.00 per 10 lbs.; \$9.00 per 25 lbs.; \$30.00 per 100 lbs.

#### CRIMSON or Scarlet (Trifolium Incarnatum)

Plowing under a crop of Scarlet Clover is equivalent to 20 tons of stable manure per acre and even if the Clover be harvested or pastured, the benefits derived from the nitrogenous root formation will many times repay the cost of seed and labor.

Sow at the rate of 15 lbs. of seed per acre, either broadcast or drilled.

Cover lightly with a harrow. In the latitude of New York City
sow from July 15 to September 15, and in the South as late as Octo-

er. Time of flowering is June: height, 2 feet.

Price, 30c per lb.; \$2.00 per 10 lbs.; \$4.50 per 25 lbs.; \$16.00 per 100 lbs.

#### JAPAN (Lespedeza Striata)

An annual plant grown as a summer pasture, green forage, hay crop and also 101 plowing under as green manure. It will flourish on poor soils. Sow 14 lbs. per acre. Price, 50c per lb.; \$4.50 per 10 lbs.; \$35.00 per 100 lbs.

#### MEDIUM RED (Trifolium Pratense)

Domestic Grown

Red Clover grows 1 to 2 feet in height and usually makes two crops a year, yielding two to three tons of cured hay per acre. Stock fed on it requires less grain; chopped and steamed it is a good substitute for green food for poultry during the winter. As pasturage all animals thrive on it, particularly cattle, sheep and pigs, and as a green manuring and soiling crop it is very valuable, adding humus and nitrogen to the soil. In Northern States Red Clover seed is usually sown in the spring; the earlier the better. If grown alone, use 12 to 14 lbs. of seed per acre if broadcasted,

and cover not over half an inch deep. Price, Henderson's (Domestic Grown) (extra recleaned) 45c per lb.; \$4.00 per 10 lbs.; \$9.00 per 25 lbs. \$30.00 per 100 lbs.

(Purchaser pays transportation charges)

#### MAMMOTH RED (Trifolium Pratense perenne)

Pea Vine Domestic Grown

Quite distinct from the common Red Clover. Of very robust growth, yielding enormous bulk, valuable for reclaiming exhausted lands. Perennial. Time of flowering, July. Height, 2 to 3 feet. Sow (if alone) about 12 lbs. per acre.

Price (Domestic grown), 50c per lb.; \$4.50 per 10 lbs.; \$9.50 per 25 lbs.;

\$33.00 per 100 lbs.

#### WHITE (Trifolium repens)

#### **Dutch or Honeysuckle**

A valuable addition to permanent pastures, as it furnishes plant food to the other Grasses. Perennial. Time of flowering, May to September. Height, 6 inches (creeping). In mixture for lawns White Clover is used to prevent washing out of soil during heavy rains. Sow (if alone) 8 lbs. per acre.
Price, 90c per lb.; \$8.50 per 10 lbs.; \$17.50 per 25 lbs.;

\$60.00 per 100 lbs.

#### WHITE BOKHARA (Melilotus alba)

Sweet Clover

Grown as a forage plant, and often for bees; the numerous small white flowers possess a sweet, honey-like fragrance. It is of great value for plowing under for green manuring. Height 3 to 5 feet. Sow 10 lbs. per

Price, 25c per lb.; \$2.00 per 10 lbs.; \$4.50 per 25 lbs.; \$15.00 per 100 lbs.

#### MIXED PERMANENT CLOVERS

Do not omit to sow Clovers with the Grasses, as they add to the yield of hay and pasture, collect atmospheric nitro-gen and store it in the root nodules, assist the growth of the Grasses and assist the growth of the Grasses and are of benefit to subsequent crops. Permanent Clovers, on account of their greater weight, should be sown separately but at the same time as the Grasses. This Mixed Clover comprises White, Mammoth Perennial or Cow Grass, Alsike, etc. Sow 10 lbs. per acre.

Price, 55c per lb.; \$4.50 per 10 lbs.; \$10.00 per 25 lbs.; \$35.00 per 100 lbs.

per 25 lbs.; \$35.00 per 100 lbs.

## FIELD CORN DENT VARIETIES

#### EARLY GOLDEN ORANGE (Henderson's)

A 90 to 100 Day Variety. Long Desired by the Northern Farmer. Ears 8 to 11 inches long. 14 to 18 rows of Kernels

For a number of years past there has been an insistent demand in the North and East for a really early variety of Golden Dent Field Corn; one that would mature in from 90 to 100 days of corn-growing weather.

It is at least ten to fifteen days earlier than any other Dent variety naturing in about ninety to one hundred normal corn days and specially adapted for short seasons of the Northern latitudes.

The stalks are about 10 to 12 feet high, very strong and rank. The ears grow eight to eleven inches long and contain 14 to 18 rows of kernels on a red cob. The grains are deep and solid making it very heavy in grain and a wonderful sheller.

Henderson's Early Golden Orange Dent Corn also produces good fodder, and we are sure we will make a firm friend of every Northern Farmer we ship it to.

The ears for shelling were all selected by hand. We advise early orders as the stock this year is limited.

Price, 50c per qt.; \$1.00 per half-peck; \$1.75 per peck; \$5.00 per

#### EUREKA, YELLOW (Henderson's)

A tremendous yielder, 150 bushels of shelled corn per acre is not

Gives unqualified satisfaction from New Jersey to Ohio and South. Price, 50c per qt.; \$1.10 per peck; \$3.75 per bushel.

#### LEAMING Improved

Low-set ears of good size, golden grain, productive. An old stand-

Price, 50c per qt.; \$1.10 per peck; \$3.75 per bushel.

#### LONG'S CHAMPION, YELLOW

In the last 15 years on a section of 90 acres this Corn has yielded an average of 133 bushels of Shelled Corn per acre and has yielded as high as 160 bushels

'This King of Corns is without doubt the most productive Yellow Dent Corn ever produced, and will be found to be of great value to the farmer, especially in the Middle and Eastern States, where from 120 to 130 days of good corn-growing weather can be relied upon: on account of its immense yield, at least 25 per cent. and often 50 per cent. more than can be obtained from the old-type varieties.

The ears are of immense size, 12 to 14 inches in length, 8 to 11 inches in circumference, carrying 20 to 24 uniform rows of long, large kernels well developed over tip and butt.

It is a luxuriant grower, about 12 to 15 feet high, and in Lebanon County, Pa., where it originated, has never failed to mature by September 20th, when planted during the first half of May.

Long's Champion is the result of years of breeding and selection by Mr. I. S. Long, of the Pennsylvania Corn Belt.

Price, 50c per qt.; \$1.50 per peck; \$4.50 per bushel.

Sow 8 to 10 qts. per acre. In ten-bushel lots or over, deduct 10c per bushel on Dent and Flint Corns. Purchaser pays transportation charges.

#### DIAMOND JUBILEE (Henderson's)

Matures in 110 Days. Small Cob. Ears Produces 62 Pounds of Corn 70 Pounds of

The ears average ten to fourteen inches in length, are of a beautiful golden-yellow color, and are produced low down on the stalk. The cob is red, small and firm, and covered with eighteen to twenty-two rows of deep, heavy grain. Seventy pounds of the ears will, when dry, shell sixty to sixty-two pounds of Corn. The ears are of surpassing uniformity, which accounts for the extra good yield of over one hundred bushels per acre when planted on good corn land.

The stalks are about twelve feet in height, standing up well. The foliage is luxuriant, the stalks being furnished to the bottom, making

the fodder of exceptional feeding value.

It is from ten to fourteen days earlier than Long's Champion, and can be planted further North, with every chance of fully maturing. We recommend planting it in hills, three and one-half feet apart each way, allowing three plants to the hill. When planted in rows,

allow the same distance between the drills and about sixteen inches be-tween the plants. (See illustration.)

Henderson's Diamond Jubilee cannot be procured from other seedmen or dealers.

Price, 50c per qt.; \$1.50 per peck; \$4.50 per bushel; 10-bushel lots, \$4.40 per bushel.



QUEEN OF THE PRAIRIE. (Pride of the North.) Early Yellow Dent maturing North.

Price, 50c per qt.; \$1.10 per peck; \$3.75 per bushel.

WHITE CAP YELLOW. Early; thrives on light soils, grain yellow, tipped white.

Price, 50c per qt.; \$1.10 per peck; \$3.75 per bushel.

WOOD'S NORTHERN WHITE. The earliest large White Ears 10 to 12 inches long.

Price, 50c per qt.; \$1.50 per peck; \$4.50 per bushel.

#### FLINT VARIETIES Sow 8 to 10 Quarts per Acre per Acre

#### EXTRA EARLY YELLOW

This is the earliest variety in existence and especially adapted to orthern conditions (cool nights and short summers). The ears are Northern conditions (cool nights and short summers). Northern conditions (cool nights and short summers). The ears are eight-rowed, frequently measuring 15 inches and over, of a rich amber color, thickly set with large broad kernels. The stalks are of medium height. In ordinary seasons it will mature in ninety days, and can be shelled and ground for feed earlier than any other large-yielding variety. It is especially valuable in sections where Corn can not be planted before the middle of June. With good cultivation it will yield 90 bushels of shelled Corn per acre. Specially recommended for planting in northern New York, Connecticut and Massachusetts. sachusetts

Price, 50c per qt.; \$1.25 per peck; \$4.00 per bushel.

COMPTON'S EARLY. The earliest known Yellow Flint variety, ripening in from 76 to 85 days. It is a handsome 10 and 12-rowed sort; very productive; and will ripen in the Northern States.

Price, 50c per qt.; \$1.10 per peck; \$3.75 per bushel.

KING PHILIP. Coppery-red. Very early. Usually matures three

months after planting. Ears large sized and handsome.
Price, 50c per qt.; \$1.10 per peck; \$3.75 per bushel.
LONGFELLOW. A large 8-rowed Yellow Flint; ripens as far north as Massachusetts.

Price, 50c per qt.; \$1.10 per peck; \$3.75 per bushel. LARGE WHITE. Large, handsome well-filled ears. Price, 50c per qt.; \$1.10 per peck; \$3.75 per bushel.

#### FIELD CORN For Fodder and Ensilage

Sow broadcast 2 bushels; in drills, 1 bushel per acre.

IMPROVED EARLY HORSE TOOTH. Two weeks earlier than Southern Horse Tooth and better suited for fodder and ensilage Northern States.

Price, \$1.00 per peck; \$3.50 per bushel. EVERGREEN SWEET FODDER. Richer, sweeter and more

digestible than the ordinary.

Price, \$1.00 per peck; \$3.00 per bushel.

SWEET FODDER. Succulent and nutritious for feeding green.

Price, \$1.00 per peck; \$3.00 per bushel.



#### JAPANESE BUCKWHEAT (Henderson's)

Introduced by Peter Henderson years ago, has proven a bonanza to Buckwheat raisers in this country. It is of strong, branching growth, stands up well and produces from two to four times as much grain as any other variety under same conditions. It is also fully a week earlier

Our seed is grown from the largest Japanese type imported by us for stock seed. Sow 50 pounds per acre. (See illustration.)
Price, 30c per lb.; \$1.50 per 10 lbs.; \$6.00 per



#### EARLY WILSON BLACK

The grain is the richest vegetable substance known, and when ground and fed to cattle gives a milk richer and better than if fed other meal. Planted the latter

to cattle gives a milk richer and better than if fed other meal. Planted the latter part of May, in latitude of New York, the Beans are ready for harvesting in about 100 days. Sow the Beans from the middle to end of May, and the Millet from last week in June till first week in July; both will then be ready for silo about the end of August. Planted in rows 2½ feet apart, 6 to 8 plants to the foot of row, requiring 50 lbs.per acre, they yield 15 to 20 tons per acre of fodder, very rich in flesh formers. For green feed, use from time of blossoming till pods are well filled; for the silo, cut as soon as most of the pods are well filled, and cut into ½-inch to 2½-inch lengths. The Soja Bean is also valuable as a soil enricher, gathering nitrogen from the air. (See illustration.) Price 35c per 1b.; \$1.50 per 10 lbs.; \$6.00 per 100 lbs.

This new variety was developed in the State of Illinois and has also been tested in the East and South with very satisfactory results. Illini grows well on very poor soils, easily reaching a height of three feet in the latitude of New York eight weeks after sowing. Sow 50 pounds to the acre.

Price, 35c per lb.; \$1.50 per 10 lbs.; \$6.00 per 100 lbs.

#### CANADA FIELD PEAS

There is no crop of greater value than Field Peas. Whether for fodder, in mixture with Oats, sown at the rate of 100 lbs. of Peas and 1 bushel of Oats per acre, or the Peas sown alone at the rate of 150 lbs. per acre for plowing under. Peas have the power of extracting nitrogen from the air and fixing it in the soil. Sown alone for fodder or in combination with Oats for hay, or as a crop to plow under for green manure, they are unsurpassed. CANADA WHITE, Price, 30c per. lb.; \$1.50 per 10 lbs.; \$6.00 per 100 lbs.

#### **COW PEAS**

Cow Peas are more tender than Canada or Field Peas and should not be sown until

Corn-planting time. Sow 100 lbs. per acre as late as the middle of July.

For green-manuring clay land, the crop should be turned under green. On sandy soil, already too light, the vines should decay on the surface and then be turned under.

#### RIACK EYE

A popular and productive early sort. Price, 30c per lb.; \$1.50 per 10 lbs.; \$6.00 per 100 lbs.

#### NEW ERA

A new, extra-early variety, earlier than the Black Eye, the quickest growing of any of the Cow Peas, maturing in about 60 days, adapted for north.

Price 30c per lb; \$1.50 per 10 lb; \$6.00 per 100 lbs.

#### GREEN MANURING SEED MIXTURE

A combination of various rapid growing legumes which will add humus and nitrogen to the soil. Plant early in the fall for turning under in the spring. Mixture may be broadcasted, or if the last of the crops have not been removed, sow between rows. Seed may also be sown in spring or summer for preparing ground for lawn making in fall. If sown then the plants should be allowed to attain a growth of about one foot before turning under. Sow at the rate of 1 lb. per 1000 square feet.

Price, 50c per lb.; 90c per 2 lbs.; \$2.00 per 5 lbs.; \$3.75 per 10 lbs.; \$9.00 per 25 lbs.; \$16.00 per 50 lbs.; \$30.00 per 100 lbs.; transportation paid.

## MILLET

#### GOLDEN (Northern Grown)

Millet is a dry weather, summer catch crop, supplementing other early summer maturing crops, and of value to succeed crops that fail. It is the best crop for planting on newly -useful in certain kinds of rotation, excellent for soiling.

Golden Millet is considerably larger than Hungarian and yields a much heavier crop.

Sow 50 pounds per acre not later than July in this latitude. Price, 20c per lb.; \$1.25 per 10 lbs.; \$6.50 per 100 lbs.

#### JAPANESE

Valuable in the Northern States as a quick-growing forage and ensilage crop, attaining a height in good soil of 6 to 8 feet and yielding from 10 to 18 tons of green fodder per acre. For feeding green, it may be cut from day to day as needed until the seed begins to ripen. During this period it is much relished by stock. For dried fodder it should be cut in the blossom stage. Sow from May to July, 15 lbs. of seed per acre if broadcast, or if in drills 12 to 18 inches apart, use 10 to 12 lbs. per acre. Price, 20c per lb.; \$1.25 per 10 lbs.; \$6.50 per 100 lbs.

#### HUNGARIAN

Hungarian Millet is one of the quickest and earliest catch crops for hay and can be successfully grown when sown up to the middle of August. Fairly drought resistant. Sow 50 pounds per acre
Price, 20c per lb; \$1.25 per 10 lbs.; \$6.50 per 100 lbs.

This has been cultivated in the Southern States, under the names of African Cane, Egyptian Millet, Cattail Millet and Horse Millet. It grows with tropical luxuriance in strong, loamy soil. Is not so hardy as the other varieties, and succeeds best in latitudes south of New York. Sow in drills, 5 to 6 lbs. per acre; if broadcast, 8 lbs. per acre

Price, 30c per lb.; \$2.50 per 10 lbs.; \$15.00 per 100 lbs.

(Purchaser pays transportation charges unless otherwise mentioned)



# OATS

IMPORTANT. A change of Seed Oats is necessary and the seed should be renewed at least every second or third year. Oats grown on the same soil or in the same neighborhood year after year deteriorate rapidly and soon become light, chaffy and unprofitable.

# CLYDESDALE (Henderson's)

The Most Popular High-Grade White Oat

Since we introduced this Grand Oat it has steadily and deservedly Since we introduced this Grand Oat it has steadily and deservedly gained in popularity, until today it is the most popular High-Grade White Oat in the United States. The ultimate financial benefit accruing to the American farmers by the annual distribution of several thousand bushels of Henderson's Clydesdale Oat cannot be overestimated. These Oats weigh considerably more per measured bushel than any other variety, so that the produce is worth for seed purposes at least double the market value of ordinary Oats. No other Oat can show such a record—75 to 100 bushels per acre, and double the usual quantity of straw. Another most important advantage of Henderson's Clydesdale Oat to the farmer is the fact that they have been thoroughly cleaned by the latest and most improved machinery: been thoroughly cleaned by the latest and most improved machinery; and are absolutely free from weed seeds. Sow 3 bushels per acre. (See illustration.)

Price, Henderson's Clydesdale Oat, per peck\$	.70
Per Standard bushel of 32 lbs	
10-bushel lots and upward, per bushel	
100-bushel lots, per bushel	.50

Purchaser pays Transportation charges

# LONG'S WHITE TARTAR

Vigorous Constitution Immense Yielder Very Early

The earliest, heaviest and most prolific domestic-grown Side Oat in cultivation. It is suitable for all soils; of robust and vigorous constitution, is remarkably early and an immense cropper; the straw is long and stout, stands up well and does not readily lodge or twist. The heads measure from 8 to 10½ inches, and the kernels are of immense size, thick, plump and heavy; it is undoubtedly the heaviest cropping domestic white Oat ever offered.

Planted alongside some of the older varieties, it usually yields more than double the number of bushels per acre of any of the other sorts; 100 bushels per acre may be expected of it under good con-

Its extreme earliness, great length and strength of straw, thick-plump grains and the heavy yields it is capable of producing give Long's White Tartar all the necessary qualifications which go to make an ideal Oat. Sow 3 bushels per acre.

Price, 80c per peck; \$2.25 per Standard bushel of 32 lbs.; 10-bushel lots and upward, per bushel \$2.20; 100-bushel lots, per bushel \$2.10.

# **EARLY NEWMARKET**

A grand breed of English pedigree oats producing very early heavy crop of large plump oats. Sow 3 bushels per acre.

Price, 70c peck; \$1.50 bushel (32 lbs.); 10-bushel lots at \$1.45 per bushel; 100-bushel lots at \$1.40 per bushel.

#### STORM KING

This is a side oat. The true white tartarian. The average weight of the grain is 40 lbs. Sow 3 bushels per acre.

Price, 90c peck; \$2.25 per bushel (32 lbs.); 10-bushel lots at \$2.20 per bushel; 100-bushel lots at \$2.10 per bushel.

# SWEDISH SELECT

Recommended by the U.S. Dept. of Agriculture. Strong grower, grain short, plump and heavy. Sow 3 bushels per acre.

Price, 70c peck; \$1.50 per bushel (32 lbs.); 10-bushel lots at \$1.45 per bushel; 100-bushel lots at \$1.40 per bushel.

#### Purchaser pays transportation charges

Send for "Henderson's Farmer's Manual" (ready February 1st) and read full descrip-ions of all farm seeds.



# RAPE

# **DWARF ESSEX**

Rape is usually ready for pasturing sheep or cattle within six weeks from time of sowing, and one acre will carry twelve to fifteen sheep six weeks to two months. When on the Rape they should at all time have access to salt; but water is not necessary. In the North sow from May to the end of August for fall pasturing, but as it thrives best in cool weather, it should not be sown in the Southern States until September or October for winter pasture. In the latitude of New York, July or August is the best time to sow. Sow 4 lbs. per acre broadcast, 2 to 3 lbs. per acre in drills.

Price, 25c. per lb.; \$8.00 per 50 lbs.; \$15.00 per 100 lbs. Purchaser pays transportation charges.

# VETCH

# SAND OR WINTER Vicia Villosa

It succeeds and produces good crops on poor, sandy soils, though it is much more vigorous on good land and grows to a height of 4 to 5 feet. It is perfectly hardy, remaining green all winter, and should be sown during August and September, mixed with Rye, which serves as a support for the plants, or in spring with Oats or Barley. It is the earliest crop for cutting and a

full crop can be taken off the land in time for planting spring crops. Being much hardier than Scarlet Clover this is the forage plant to sow in the Northern States, where Scarlet Clover winter-kills, though it is equally valuable in the South. Every dairyman and stock breeder in the United States should have a field of it. (See illustration.)

Sow 60 lbs. per acre, with 1/4 bushel of

Oats or Barley.
Price, 45c per lb.; \$2.50 for 10 lbs.; \$18.00 per 100 lbs.

Purchaser pays transportation charges.

# SPRING VETCH or Tares

Sow 120 lbs. per acre. Species of Pea, grown for soiling, or sown with Oats for feeding green.

Price, 25c per lb.; \$2.00 per 10 lbs.; \$10.00 per 100 lbs.
Purchaser pays transportation charges.



# MANGEL WURZEL Sow 6 to 8 lbs. per acre

Champion Yellow Globe, Henderson's. Produces smooth globe-shaped roots of large size, and excellent quality.

Price, 40c per ½ lb.; \$1.00 per lb.; 10 lb. lots at 90c per lb.

Colossal Long Red, Henderson's. A valuable improved and Colossal Long Red, Henderson's. A valuable improved and distinct variety. Extra large roots; blood-red, very nutrutious. Price, 60c per ½ lb.; \$1.50 per lb.; 10 lb. lots at \$1:40 per lb. Danish Sludstrap. Color reddish-yellow, of Giant Intermediate type. Contains a larger percentage of feeding matter than

mediate type. Contains a larger percentage of feeding matter than almost any other sort.

Price, 50c per ½ lb.; \$1.25 per lb.; 10 lb. lots at \$1.15 per lb.

Golden Tankard. Flesh yellow, thus differing from other varieties; sheep prefer it; heavy yielder.

Price, 50c per ½ lb.; \$1.25 per lb.; 10 lb. lots at \$1.15 per lb.

Half Sugar Rose. By analysis it shows a nearer approach to sugar beet than any other mangel. The flesh is white, very solid and rich in secondarine. and rich in saccharine.

Price, 50c per 1/4 lb.; \$1.25 per lb.; 10 lb. lots at \$1.15 per lb.

# SUGAR BEET

Sow 6 to 8 lbs. per acre, for producing sugar and stock feeding. Vilmorin's Improved White. Contains the highest percentage of sugar; also valuable for stock.

Price, 50c per 1/4 lb.; \$1.25 per lb.; 10 lb. lots at \$1.15 per lb.

### CARROT FIELD Sow 4 lbs, per acre

Improved Long Orange. Enormous yielder, good keeper. Price. 1/4 lb. 50c; lb. \$1.25.

Danvers. Good-size handsome, stump-rooted; big yielder. Price. 1/4 lb. 65c; lb. \$1.50.

Large White or Yellow Belgian. Long roots; very productive.

Price, 1/4 lb. 45c; lb. \$1.00.

# RUTA BAGA or Russian Turnip

Sow 2 to 3 lbs. per acre. (See also page 56)

Improved American Purple Top. The popular standard for stock feeding; hardy, productive; good keeper; yellow flesh, Price, lb. \$1.00.



Potatoes (See page 46)

write for prices on large quantities

# HENDERSON'S BARLEY, RYE and WHEAT SELECTED

# BARLEY

Sow 2 to 21/2 bushels per acre

New White Hulless. Two or three weeks earlier than ordinary barley, grows about same height, and the grain will not shell out in the field.

Price, \$1.25 per peck; \$3.50 per bushel (48 lbs.); 10 bushels at \$3.40 per bushel.

Vermont Champion. Large heads of large grain; big yielders. A bearded variety.

Price, 90c per peck; \$2.75 per bushel (48 lbs.); 10 bushels at \$2.65 per bushel.

Oderbrucker. This is a stiff strawed, heavy yielding, six rowed bearded variety; kernels very plump. Oderbrucker is early prolific and hardy, and has nearly double the amount of protein found in many other varieties; this makes it a valuable feeding Barley, which is an important consideration with the leading farmers who are now appreciating more and more the value of Barley as a feed for all kinds of stock, horses as well as cattle.

Price, 90c per peck; \$2.50 per bushel (48 lbs.); 10 bushels at \$2.40 per bushel.

RYE, Spring

Sow 11/2 bushels per acre A variety produced by planting Winter Rye in the spring for several years, and selecting the seed until the type is fixed. It is an excellent "catch-crop" where fullsown grain has been winter-killed, and also

Price, \$1.00 per peck; \$3.00 per bushel of 56 lbs.; 10 bushel lots \$2.90 per bushel.

# RYE, Winter

For winter varieties see our Fall Wheat and Grain Circular sent to you in August. We offer the following varieties.

Giant Winter. It outyields others in straw and grain.

Price, 30c per qt.; 45c ½ peck; 80c peck; \$2.25 per bushel.

Rosen. Thrives as well on light soils as it does on heavy.

Price, 30c per qt.;  $45c \frac{1}{2}$  peck; 80c peck; \$2.25 per bushel. Winter. The variety commonly cul-

tivated for straw or cutting green.

Price, 30c per qt.; 45c per ½ peck; 80c peck; \$2.25 per bushel.

# WHEAT, Spring

Sow 11/2 bushels per acre

Marquis (Beardless). An early variety and enormous cropper; kernels hard and dark-amber color. Our stock was raised in the far north. We strongly recommend this variety.

Price, 90c peck; \$2.75 bushel (60 lbs.); 10 bushel lots at \$2.65.

Pedigreed Blue Stem. When ripe the straw is a beautiful golden yellow color. This variety is remarkably free from rust, is very productive, has a hard kernel and there is a total absence of beard.

Price, 90c peck; \$2.75 bushel (60 lbs.); 10 bushel lots at \$2.65 per bushel.

# WHEAT, Winter

All standard sorts and new hybrids described in Henderson's "Wheat Circular" (ready in August and sent free on application). Orders Booked Now for Fall Delivery.

#### MISCELLANEOUS FARM SEEDS

#### **BROOM CORN**

Evergreen Selected. Sow 8 to 10 lbs. per acre. Free from crooked brush and remains green. Price, 25c per lb.; \$15.00 per 100 lbs.

#### BIRD SEED Fancy

Canary Seed. Re-cleaned. Price, 20c per lb.; \$14.00 per 100 lbs. Hemp. Fancy re-cleaned. Price, 20c per lb.; \$14.00 per 100 lbs.

#### "WILD BIRD SEED" MIXTURE

Feed your feathered friend during the winter when food is scarce, with this mixture.
Price, 20c per lb.; \$14.00 per 100 lbs.;
transportation paid.

Sow 8 to 10 lbs. per acre. Rural Branching. Very productive fodder plant; Price, 20c lb.; \$10.00 per 100 lbs. Yellow Branching. Earlier and taller than above. Price, 20c lb.; \$10.00 per 100 lbs.

#### KAFFIR CORN

Sow 8 to, 10 lbs. per acre White. Fodder plant, the grain is valuable for feeding poultry; 4 to 6 feet.

Price, 25c per lb.; \$10.00 per 100 lbs.

Red. Taller than white; leafy and juicy. Price, 25c per lb.; \$10.00 per 100 lbs.

#### SORGHUM OR SUGAR CANE

Sow 8 to 10 lbs. per acre.

Early Orange. Valuable for green fod-

der; heavy growth, later than Amber.
Price, 25c per lb.; \$10.00 per 100 lbs.
Early.Amber. Productive and nutritious forage plant, yielding several cuttings in a season.

Price, 25c. per lb.; \$10.00 per 100 lbs.

#### SUNFLOWER

Mammoth Russian. Sow 4 lbs. per acre. Very productive; large heads of large seeds. Valued for feeding fowl.

#### Price, 25c per lb.; \$14.00 per 100 lbs. · TEOSINTE

Sow 6 to 8 lbs. per acre. Resembles Corn, but more leafy and tillers enormously; fine for green fodder. Price, \$1.25 per lb.; 10 lbs. \$10.00.

For Complete Description of all Farm Seeds-Write for Henderson's Farmers' Manual-Ready in February. Sent Free to All Applicants. Purchaser pays transportation charges on Farm Seeds except where noted.

# HOW TO BE SUCCESSFUL IN CULTIVATING FLOWER SEEDS

Brief cultural instructions are printed on the back of our Flower seed packets and in more detail in our booklet, "Henderson's Flowers for American Gardens," sent post free if asked for.

Probably no outdoor occupation gives so much pleasure as the cultivation of flowers from seed. Starting with the tiny inanimate-looking grains of seed, placing them carefully in suitable soil, intelligently watching the conditions of air and moisture while the seeds are hidden below the ground, watching the gradual unfolding of the tiny seedling, and later the development of leaf, stem and branch until finally the fully grown plant bursts into glorious flower; this is the pleasure awaiting one who grows flowers from seed.

Seed Sowing. Most cases of failure of seeds to come up are due to unsuitable soil conditions. So let the soil, either in the cold frames, or the permanent bed, be well dug and pulverized. Fine soil should be sifted on top to at least an inch in depth, and if heavy or clayey, lightened with sand. Smooth down the surface with a piece of board about 8 in. square, to the center of which a small block has been nailed to hold on by. Then with a pointed stick mark out the rows, letting them run the narrow way of the frame or box.

Stick in a name label at the end of each row, and then drop the seeds in a little pinch at a time, taking care to spread it so that it does not lie in lumps. Very small seeds should be sown broadcast on a square space, and the label stuck in the center. Sow large seeds one by one, an inch apart. Sift earth over all to cover them as deep as twice their diameter, and then press down firmly again with the board. Hard shell seeds like Ipomoeas, Cannas, etc., should be soaked in water 24 hours to soften before planting. Lay over the bed a piece of thin cotton cloth, and water with a fine spray. When the seeds come up, remove the cloth. After this do not let the soil dry out, and raise the sash or pane of glass, as the case may be, to admit air on warm days.

Seed sowing in permanent beds is accomplished in the same way, but of course is not done until May 10th to May 15th, with some exceptions already noted. Note that when seeds are sown outdoors they should be covered more deeply than if sown indoors or under glass. Cover to fully three times the diameter of the seed. Some gardeners, lacking a cold frame, plant all their annuals outdoors about May 10th, in a temporary seedbed located along a south wall, and protected from the sun by a strip of cloth three feet wide and as long as the bed.

This is nailed on four-feet slats placed about three feet apart. One of the ends of the slats is stuck in the ground, and the other rests in a leaning position against the wall. Also use this on cold nights. Prepare the soil, and sow the seed in the same way as in a cold frame, but a trifle deeper. Transplant to permanent beds when three true leaves show.

Transplanting from Cold Frames or Window Boxes. This is done about May 10th to 15th, or whenever the weather is settled. Water the seedlings and also the ground they are to be transplanted to, the day before, so that soil conditions are equal. Separate the seedlings with a sharp stick, and if they are growing thickly together place a clump of them in water to soften the soil. Transplant when 2 or 3 "true" leaves appear.

#### ANNUAL FLOWER SEEDS

These complete the cycle of their existence, growing from seed to seed in one year. Many sorts require to be sown in some sheltered situation, such as a greenhouse, cold frame, or window box about a month before they may be planted outdoors. This is necessary not only on account of their tenderness, but also because they need more time for development, and by sowing thus early, the growing season is proportionately prolonged. Others may be sown where they are to stand, in which case they require careful attention for the first few weeks.

There is a large field for selection, from the modest Sweet Alyssum to the gorgeous Zinnia, the majestic Ricinus, and dainty Cosmos. While there is no class of plants that will survive better under rigorous conditions, yet in order to achieve the best results they should be planted where they can obtain ample sunlight, may be easily watered, and, in case of early frost, may be quickly protected.

It is almost needless to urge the importance of careful weeding, when the seedlings are quite young.

A continuity of bloom may be selected by occasional sowings of many sorts, such as Eschscholtzia, Sweet Alyssum, Phlox, Zinnia, etc. In the latitude of New York these sowings may be made as late as June 15th. The great value of Annuals is enhanced by the fact that an effective display may be secured for a very modest outlay, many of the most attractive sorts being sold in 10c packages.

#### PERENNIAL FLOWER SEEDS

The great charm of Perennials lies in their permanence. Once established they are a constant source of pleasure, and among the most interesting plants in our garden, presenting a variety of size, form and color so great as to fit them for almost every conceivable purpose in the garden. Some may be made to thrive under most unkind conditions, while others require skilful cultivation.

A very large proportion of the Perennial plants that may be grown from seed have great value as cut flowers, particularly so because of their great substance, which enables them to stand up well long after cutting.

Notwithstanding their individual charm, they are most effective when planted in a mixed border, where by arranging them according to height, color and season of flowering, an attractive display may be had from the earliest days of spring, all through the summer, and even after the first frosts herald the approach of winter. And so, week by week, as sure as the season revolves, such a border will present new charms and revive old ones, the beauty of it growing with ever-increasing interest.

Perennials are generally raised from seed from early spring to about August 1st, in the latitude of New York. Treated thus, they make strong plants which may be planted in a permanent situation early enough in the fall to enable them to winter safely. In some instances plants will flower the first year from seed if sown quite early, but nearly all require a year to reach their best development.



New Annual Double Sweet Scented Nasturtium "Golden Gleam"

3012 This remarkable novelty has won prizes wherever shown, and has created a sensation in the horticultural world. (See page 107 for complete description.)

Price, per pkt., 15c; per ½ oz., 60c; per oz., \$1.00.

# AID IN SELECTING FLOWER SEEDS FOR VARIOUS PURPOSES AND SITUATIONS



PHYSALIS FRANCHETI

or Chinese Lantern Plant

popular favor for the decorative value of its brilliant

orange-scarlet lantern-shaped fruit pods. Although a hardy perennial, the pods are produced the same year from spring sown seed. Height, 2 feet. (See illustration

ahove)......Pkt. 15c

3415 An ornamental plant that has recently come into

# Large Showy Annuals For Backgrounds and Borders

Amaranthus Lupinus
Celosia Plumosa Lychnis
Centaurea Marigold
Cleome Nicotiana
Cosmos Poppy (Tall)
Euphorbia Ricinus
Hibiscus Salpiglossis
Hollyhock Salvia
Larkspur (Branching)
Lavatera Zinnia

# Showy, Flowering Annuals For Beds and Massing

African Daisy Kochia Lantana Lobelia (Compacta) Marigold Marvel of Peru Ageratum Alyssum Antirrhinum Arctotis Arnebia Matricaria Aster Mignonette Mimulus Myosotis Nasturtium (*Dwarf*) Nemesia Begonia, Fibrous
Browallia Bartonia Nigella Oenothera Calendula Calliopsis Candytuft Pansy Carnation Pentstemon Celosia Petunia Phlox Drummondi Chrysanthemum Convolvulus Minor Рорру Portulaca Salvia Splendens Scabiosa Cosmos Dahlia Dianthus (Annuals) Eschscholtzia Schizanthus Stocks Gaillardia Geranium Verbena Godetia Helichrysum Vinca Wallflower Heliotrope Impatiens Zinnia

# Tall Climbing Annuals

For Arbors, Verandas, etc.

Balloon Vine Canary Bird Vine Cobaea Convolvulus Dolichos Gourds Hop (Japanese)

Ipomoea Mina Momordica Moon Flower Morning Glory Nasturtium (*Tall*)

# Low Climbing Annuals For Fences, Low Trellises, etc.

Cypress Vine Sweet Pea Maurandia Thunbergia

# Long-Stemmed Flowers Notably Suitable for Cutting

Aquilegia
Arctotis
Aster
Calliopsis
Candytuft
Carnation
Centaurea
Chrysanthemum
Clarkia
Coreopsis
Cosmos
Dahlia
Delphinium
Dianthus
Gaillardia
Gypsophila
Gladiolus

Larkspur
Lobelia (Hardy)
Marigold
Matricaria
Mignonette
Pentstemon
Poppy
Salpiglossis
Scabiosa
Snapdragon
Stocks
Sunflower (Cut and
Come Again)
Sweet Pea
Sweet Sultan
Zinnia

# Plants Suitable for Edgings

Ageratum (Dwarf) Aster (Dwarf) Alyssum Compacta Begonia Bellis Centaurea Candidissima Globe Amaranth Lobelia Compacta Marigold (Dwarf) Petunia Phlox Pinks (Hardy) Portulaca Pyrethrum Aureum Zinnia, Lilliput

# Colored Foliage Plants

Amaranthus
Canna
Centaurea
Gymnocarpa
Coleus
Corn Rainbow

Kochia Marvel of Peru Musa Pyrethrum Aureum Ricinus

# Hardy Flowering Perennials

For Permanent Beds and Borders Taller Sorts

Aster
Anemone
Anemone
Aquilegia
Campanula
Canterbury Bells
Chrysanthemum
Coreopsis
Delphinium
Digitalis
Gaillardia
Gypsophila
Hibiscus
Hollyhock
Lavender

Lupinus (Perennials)
Lychnis
Pansy
Pentstemon
Phlox (Hardy)
Platycodon
Platycodon
Poppy (Hardy)
Primrose (Hardy)
Pyrethrum (Hardy)
Scabiosa Caucasica
Tritoma
Wallflower

Achillea Dianthus (Hardy)
Alyssum (Hardy) Myosotis
Anemone Candytuft (Hardy) Polyanthus
Carnation Cerastium Sweet William
Cowslip Tufted Pansy

#### Perennial Climbers

Ampelopsis Veitchi Kenilworth Ivy Aristolochia Kudzu Vine Bignonia Lathyrus Clematis Wistaria

Fragrant Flowers

Alyssum
Auricula
Candytuft
Carnation
Clematis Panticulata
Cleome
Dianthus (Hardy)
Geranium
Heliotrope
Lavender
Mignonette

Nicotiana Affinis Polyanthus Scabiosa Stocks Sweet Pea Sweet Rocket Sweet Sultan Sweet William Violet Wallflower

### Plants Succeeding in Partial Shade

Anemone
Antirrhinum
Aquilegia
Begonia (Tuberous)
Bellis
Canterbury Bells
Coreopsis
Cowslip
Delphinium
Digitalis
Godetia

Lobelia Matricaria Matricaria Mimulus Myosotis Nemophila Ocnothera Polyanthus Pansy Poppy (Hardy) Primrose (Hardy) Schizanthus Viola

# Plants for Conservatory Pot and Window Culture

Impatiens Aster, Dwarf Begonia Browallia Lantana Lobelia Matricaria Calceolaria Calendula Mignonette Mimulus Musa Nicotiana Affinis Carnation Chrysanthemum Cineraria Pansy Coleus Cyclamen Primula Geranium Schizanthus Stocks Heliotrope Vinca

# Climbers for House Culture

Asparagus *Plumosus* Maurandia Cobaea Smilax

# Everlasting or Straw Flowers

Acroclinium Ammobium Globe Amaranth Helichrysum Honesty Grasses (Ornamental) Physalis Rhodanthe

### Drooping Plants for Hanging Baskets, Veranda Boxes, etc.

Alyssum
Asparagus Sprengeri
Calendula
Candytuft
Centaurea White

Lobelia Speciosa Maurandia Nasturtium (Trailing) Petunia Balcony



# Henderson's "Forget-Me-Not" Collection of 17 Perennial Flowers

LIST OF VARIET	TIE:
----------------	------

- Dbl. Hollyhock
- B. Forget-Me-Not
  - Delphinium I. Scabiosa
- D. Pyrethrum E. Sweet William
- F. Hardy Phlox
- G. Canterbury Bells M. Acquilegia
- H. Digitalis
- J. Hardy Alyssum
- K. Coreopsis L. Oriental Poppy
- - N. Gaillardia
  - O. Hardy Carnation
  - P. Hardy Aster
  - Q. Shasta Daisy

### FLOWER SEEDS-See page 71

1 Packet each of the 17 varieties, postpaid \$1.25

# PLANTS-See page 146

- \$4.00
- 10.00
- 19.50



# Henderson's "Cut Flower" Collection

# Sixteen Packets of Garden Annuals for \$1.00 Postpaid

4751 This collection is composed of sixteen of the best long-stemmed Annuals for growing in the home garden. Many occasions ing in the home garden. Many occasions arise when it is desirable to be able to go into the garden and gather huge armfuls of choice cut-flowers. It is then indeed gratifying to have a large selection as offered here to choose from. All produced on long stems that lend themselves to every style of artistic arrangement in either harmonious or contrasting color combinations: contrasting color combinations.

Flowers purchased in a store can never be as interesting as a bouquet cut fresh from your own garden. A simple vase or bowl of flowers will bring cheer and happiness into a room even on the dullest day. The Helichry-sums or Everlasting Plowers included in this collection may be dried, and will remain bright and attractive for an entire year.

The letter prefixed to each variety is a key to the flowers shown on the color plate, shown opposite.

A. 2580 Larkspur, Tall Branching .....Pkt. 10c Mixed.... B. 1750 Carnation, Marguerite Mixed C. 4630 Zinnia, Mammoth Flowering Mixed.....Pkt. 10c D. 3650 Scabiosa, Maxima Plena Mixed.....Pkt. 10c E. 1596 Calendula, Orange King. Pkt. 10c F. 1175 Arctotis, Grandis....Pkt. 10c G. 2730 Marigold, Pride of the Garden Mixed......Pkt. 10c H. 2390 Helichrysum, Monstrosum Mixed......Pkt. 10c

I. 1110 Antirrhinum, Large Flowering Mixed..... J. 2110 Dianthus, Crown of Perfection Mixed......Pkt. 10c K. 2260 Gaillardia, Annual Single Mixed.....Pkt. 10c M. 1450 Aster, Semples Mixed. N. 3000 Nasturtium, Giant Flowering. Tom Thumb Mixed. Pkt. 10c
P. 4300 Sweet Peas. Spencer Mixed.
Pkt. 10c
Q. 2366 Gypsophila, Paris Market. 

# Henderson's "Forget-Me-Not" Collection

(Shown in Colors on page 69)

# Seventeen Packets of Hardy Perennials \$1.25 Postpaid

4715 There is a lasting quality about perennials because they renew their beauty every spring, and if a good selection is made, they will keep a garden a-bloom all the season. A number of annuals should also be grown in bare places until the perennials attain full growth and begin to flower.

This collection consists of 17 of the most popular and easily grown sorts which will bloom the year following the sowing of seed. A few, including Coreopsis, Gaillardia, etc., often flower the same year, if the

seed is sown early in spring.

Perennial flower seed can be sown from early spring to about August 1st in the latitude of New York.

The letter prefixed to each variety is a key to the flower shown on page 69. To find full descriptions, refer to index, page 175.

A. 2440 Hollyhock. Hard Extra Choice Double Mixed. Hardy Pkt. 10c B. 2854 Myosotis, Palustris . .Pkt. 10c C. 2090 Delphinium. Hen-

derson's Single and Double Su-perb Hybrids. Mixed colors. Pkt. 25c

D. 3560 Pyrethrum Hy-bridum, or Painted Daisy. Mixed colors......Pkt. 15c

E. 4455 Sweet William. Henderson's Perfection Double Large-flowering. Mixed. Pkt. 10c

F. 3410 Phlox Hardy. Largeflowering Hybrid Mixed. .....Pkt. 15c G. 1670 Canterbury Bells. Mixed.....Pkt. 10c H. 2170 Digitalis, or Fox-glove. Mixed colors...Pkt. 10c I. 3657 Scabiosa. Hardy 2 to 3 feet high. Flower semidouble, lilac-blue......Pkt. 10c

J. 1057 Alyssum (Saxatile Compacta)......Pkt. 10c K. 1994 Coreopsis "Harvest Moon".....Pkt. 10c L. 3490 Poppy. Giant Oriental. Mixed colors...Pkt. 10c

M. 1150 Aquilegia, umbine. Mixed colors. Pkt. 25c

N. 2250 Gaillardia. Giant Hardy Hybrid. Mixed colors. .....Pkt. 10c

O. 1760 Carnation. Garden. Finest Double Mixed. Pkt. 15c
P. 1470 Asters Hardy. New
Large Flowering. Mixed colors.
Pkt. 10c

O. 1896 Chrysanthemum (Shasta Daisy).....Pkt. 15c

Pamphlet, "A Perennial Flower Garden From Seed," Sent with Every Collection

Plants of the "Forget-Me-Not" Collection
We can furnish plants of the varieties in this collection. (See pages 69 and 146)

# "Gardens of the Great." President Monroe's Garden at Ash Lawn, Va.

Pictured on the front cover of this book, is another famous old garden in our series of "Gardens of the Great," which we began to print a number of years ago as suitable subjects for the cover of "Everything for the Garden."

This is the garden of President James Monroe, author of the famous Monroe Doctrine which, as all students of American history know, was—to use the words of Mr. Bowers at the unveiling of the statue of Monroe at Ash Lawn this year—"the declaration of independence for the entire Western world." This famous declaration was made in a message to Congress December 2, 1823.

President Monroe has not been given great prominence in the annals of president Monroe has not been given great prominence in the annals of our country, notwithstanding his famous declaration, which has had such a profound influence not only on America but on the world at large. 1932, however, has witnessed a number of events celebrating his achievements, such as the meeting of Governors at Ash Lawn for the unveiling of his statue; and at Fredericksburg, where his law offices were situated. This old building has now been converted into a museum, containing mementos of Monroe.

Another evidence of the reviving interest in President Monroe was the setting aside by Mrs. Hoover of a room in the White House which was once the private parlor of Mrs. James Monroe. Mrs. Hoover has also, from within the White House, assembled enough furniture of the period to furnish it.

Ash Lawn is not far from Monticello, the home of Thomas Jefferson; in fact, the lights of one may be seen from the other; and in the same neighborhood stands Montpelier, the home of James Madison, in whose garden Monroe and Madison often walked together in later years. It is indeed a remarkable coincidence that three famous presidents should have resided almost within the sight of each other.

The gardens of Ash Lawn are famed far and wide for the beautiful hedges of boxwood which surround them, and it is said that many of the specimen trees, now grown to an immense size, were planted by James Monroe himself. Although no doubt an abundance of flowers were grown in the gardens of Ash Lawn at all times, it must be said that the boxwood hedges now constitute their greatest attraction. The same may be said of the hedges of many other famous old gardens, including Mount Vernon, the home of George Washington. Take away the hedges and the principal charm would

There is a lesson for modern gardeners in this fact, and no doubt a visit to any of these gardens would powerfully influence them in their selection of hedge material for their own gardens.

PETER HENDERSON & CO.

# HENDERSON'S SPECIALLY PRICED FLOWER SEED COLLECTIONS

A Collection of Seeds for Garden, Beds, Borders, Etc.

# "The Garden Beautiful" Collection of Annuals

4701 Collection of 25 Kinds-Enumerated below, \$1.50,

4702 Collection of 12 Kinds, Prefixed X, for 75c, postpaid.

Ageratum, Blue Perfection. Compact bushes, 8 inches, blue flowers.

× Alyssum, Little Gem. An improved white Sweet Alyssum.
× Aster, Giant Comet, Double Mixed Colors. One of the best

Callopsis, Golden Wave. Large golden flowers, freely produced. Candytuft, Empress. Hyacinth-like spikes of white flowers. Celosia, Ostrich-Plumed, Mixed. Brilliantly showy, freeflowering

X Cosmos, Giant-Flowering, Mixed. Fall-flowering, fine and showy.

× Dianthus, Double Pinks. Various colors.

Eschscholtzia, Golden West. Large flowering, California

Poppies. Hollyhock, Henderson's Annual Ever-Blooming, Mixed Colors. arkspur. Mixed Colors. Large, showy spikes

x Marigold, Pride of the Garden, Mixed Colors. Improved

X Mignonette, Bird's Mammoth. Long large spikes of fragrant

flowers.

Nowers.

Nasturtium, Giant-Flowering, Tom Thumb. Mixed Colors.

Pansy, Bedding, Finest Mixed. Large flowers of beautiful colors.

Petunia, Large-Flowering, Single. Mixed. Blotched, striped.

Phlox, Drummondii, Large Flowering Mixed. Improved varieties

× Poppy, Giant Double, Brilliant Mixture. Immense showy flowers.

Portulaca, Double Mixed. Showy for edges or low beds.
Salvia Bonfire. Improved Scarlet Sage, compact vivid, scarlet.
Scabiosa Maxima, Double Mixed Colors. Large-flowering Sweet.

X Stocks, Large-Flowering, Dwarf, 10 Weeks, Mixed Colors. Sunflower "Cut-and-Come-Again." Bushy plants, 3 to 4 feet. Verbena, Mammoth, Mixed. Large flowers scarlet, white, blue.

X Zinnia, Large, Double, Mixed Colors. Immense double flowers

A COLLECTION OF SEEDS FOR

# Rockeries and Rock Gardens

4761 Collection of 15 Kinds—Enumerated Below, \$2.00 Postpaid.

When laying out a rock garden, it will help to study some natural rock formation. If a bank or terrace already existing is utilized, loosen it up with a pick are and add more soil. Place the stones in

position, but work the soil well around to prevent air spaces.

Preparations for a Rock Garden must be made ahead, if Perennials Preparations for a Rock Garden must be made ahead, if Perennials are used, as they do not bloom the first year. Seeds should be planted outdoors on the rock garden in the places they are to grow, early in spring and up to July 15th. We recommend planting Darwin Tulips and other bulbs in Rock Gardens to provide a show in spring.

Alyssum Saxatile Compacta. "Basket of Gold." Hardy plant, large flowers, pure yellow, 9 inches high.

Agrostemma Coronaria "Rose Campion." Mixed Colors.

Arabis Alpina. A very useful, hardy plant for rockeries; pure white flowers. Height 6 inches.

Aubretia Hybrids Mixed. A lovely mauve spring blooming plant; produces great masses of bloom. Hardy and easily grown.

Campanula Persicifolia Blue. "Peach-leaved bell-flowers," large blossoms of blue or white 2 to 3 feet high.

Candytuft Gibraltica. Blooms early, hardy, large flowers red and rose-white 12 to 18 inches high.

Candytuft Sempervirens. Blooms early in spring.

Cerastium Tomentosum "Snow in Summer." Of sprawling habit, white leaves and white flowers.

Cerastium Tomentosum "Snow in Summer." Of sprawling habit, white leaves and white flowers.

Cowslip. Spring flowering, hardy, bears fragrant flowers.

Delphinium Blue Butterfly. Beautiful blue variety of compact growth, blooms the first year if sown early. Height 18 inches.

Geum Mrs. Bradshaw. A large double strain, bears brilliant crimson-scarlet flowers. Height 2 feet.

Heuchera. Alum Root. Flowers are a beautiful red. Bloom all summer. Height 2 feet.

Myosotis Pulustris. The popular blue Forget-me-not.

Sedum Acre Stone Crop. The popular blue Forget-me-not.

Saxifraga Mixed Colors. Known as "Rockfoil," Mossy leaves invaluable for rockeries, stone walls, etc., etc.

invaluable for rockeries, stone walls, etc., etc.

A COLLECTION OF SEEDS OF

# Climbing Annuals

For Porches, Pergolas, Fences, Etc.

(Sown in the spring these rapidly attain perfection the same season)

#### 4721 Collection of 12 Kinds-Enumerated below, 75c. postpaid

Balloon Vine. White flowers, succeeded by balloon pods. 10 feet. Canary-Bird Vine. Yellow butterfly-like flowers. 15 feet. Cobaea Scandens. Large bell-shaped, rich blue flowers. 20 feet. Cypress Vine, Mixed. Feathery foliage, star-shaped flowers, 15

Dolichos. Giant Crimson. Wistaria-like clusters of crimson flowers.

Humulus, Japanese Variegated. Foliage striped silver and green. 20 feet

Mina Lobata. Luxuriant climber, with clusters of blood-red flowers. 20 feet. Moon Flower Vine. Immense white flowers. 50 to 75 feet.

Morning Glories, Imperial Japanese. Magnificent colors. 30

Nasturtium. Giant-Flowering, Climbing, Mixed Colors. 10 feet.

Sweet Peas, Giant Spencer, Mixed. The finest strain. Thunbergia, Mixed Colors. Charming, vine, flowering freely. 6 feet.

#### A COLLECTION OF SEEDS OF

# Climbing Perennials

For Walls, Pergolas, Etc., Etc.

#### 4731 Collection of 7 Kinds-Enumerated below, 50c, postpaid

Ampelopsis Veitchii. Boston Ivy, clings to walls, etc. 30 feet.

Aristolochia Sipho. Dutchman's Pipe Vine, climbs 30 feet.

Bignonia Grandiflora. Trumpet Creeper clusters of orange-30 feet. red flowers. 40 feet.

Clematis Paniculata. Bears white star-like flowers 20 feet.

Kudzu Vine. Grows rapidly; purple flowers. 20 to 30 feet.

Lathyrus Latifolius, Mixed Everlasting Pea. Sweet Pea-like flowers. 6 to 8 feet.

Wistaria Sinensis. Pendant cluster of blue flowers. 25 to 40 feet.

# A COLLECTION OF SEEDS FOR

# "The Seashore Cottage" Garden

To Bloom during July and August

#### 4771 Collection of 18 Kinds 1 pkt. each, enumerated below \$1.00 postpaid

Most owners of seashore, or mountain summer cottages, are anxious to have their places looking well during the period of occupancy, usually July and August.

There is not very much color showing in a perennial border during these months, so that a generous planting of annuals suitable should be made to have gardens show up well then, and in the fall.

Zinnias should be sown freely, they enjoy the hot sun, but they need cultivation. Verbenas are also well known as late summer and fall bloomers. For a taller growing plant, sow Euphorbia or Snow-on-the-Mountain. We have selected the 18 varieties as sure to produce the effect desired.

Ageratum Centaurea Cosmos Calendula Euphorbia

Helichrysum Larkspur Nasturtium Marigold Petunia Phlox

Scabiosa Salpiglossis Verbena Vinca Annual Wallflower

Besides sowing the above collection during the spring months, the owner of a seashore cottage will do well to plant the following roots viz-Dahlia, Gladiolus, Canna, and Cinnamon and Madeira Vines for climbers.

The best shrubs for seashore planting are Rose of Sharon, Buddleia and Hydrangea.

For hedges there is nothing better than Barberry and Privet.

# **NEWLY INTRODUCED VARIETIES OF FLOWER SEEDS**

By Growers in South Africa, Various European Countries, and U. S. A.

We offer these novelties to our customers, as comprising the best of the new introductions by the world's foremost floriculturists. Where a variety has not been raised or tested by us in our Red Bank seed trial grounds, we have printed the raiser's own description.

# The First All American Selection of Flower Seed Novelties 1932-3

The Florists Exchange and Horticultural Trade World of October, 1932, draws the attention of gardeners both amateur and professional, to what it regards as an outstanding accomplishment of the 1932 session of the Seedsmen's Association.

It says "The Association appointed a committee of outstanding American horticulturists instructed to select each year a number of varieties of both Flowers and Vegetables of unquestioned merit, for special recognition and publicity; to the end that public interest might be aroused, and benefit the cause of better gardening generally.

This Committee, composed of men prominent in horticultural circles, has finished its work for 1932 and made public its decisions, which were based on newness of variety, real merit, and popularity over the widest extent of territory. We print below a list of Flowers set apart as worthy of awards. The first three varieties were awarded GOLD MEDALS and the following seven were given the AWARD OF

It is a rather remarkable coincidence that several of these varieties were offered by us in our last year's catalogue, and attained wide distribution.

# The All American Collection

4490 Verbena Beauty of Oxford Hybrids. (See page 75).. Pkt. 50c

2659 Lupinus Annual Hartwegii Giants Mixed. (See page 74)
Pkt. 25c

3172 Pansy Roggli Giants. (See page 108).....Pkt. 35c

2083 Delphinium Annual Cambridge Blue. (See page 74) . Pkt. 25c 4491 Verbena Grandiflora Lavender Glory. (See page 75). Pkt. 25c

4483 Venedium Fastuosum. (See page 122)............Pkt. 25c

4781 "All American" Collection of flower seeds, one packet each of the nine varieties mentioned above \$2.00.

# AGERATUM "LITTLE SILVER STAR" (Annual)

1039 This charming counterpart of the popu-This charming counterpart of the popular variety Little Blue Star denotes a valuable addition. It is distinguished for its compact, close habit and is, therefore, specially recommended for edgings. The even round cushion—shaped plants, which are only from 4 to 5 ins. high, measure from 8 to 10 ins. across. When flowering, they are so thickly covered with silver grey starlike flowers. These plants require the same cultivation as all other ageratum like flowers. These plants require the same cultivation as all other ageratum varieties. (See illustration.) Pkt. 25c.

# CACTUS ASTER "ELF" (Annual)

1225 This is a profusely flowering Aster of sturdy upright growth. Height 20 inches. The well formed blooms 2½ inches long, grow on long stalks, and are a delicate flesh color. Each sepaare a delicate flesh color. Each separate floret curls at the end. (See illustration.) Pkt. 25c.

# Campanula Olympica



# CAMPANULA, Rotundifolia "OLYMPICA" (Perennial) 1652 Although classed as an Alpine plant,

this variety is from the Olympian Mountains in the State of Washington. It grows about a foot high, and flowers very freely all summer and autumn. Besides the main flower stalks, smaller ones burst out from every axil, thus insuring continual bloom. The bells are light blue and measure about one inch across. Very desirable for Rock Gardens: (See illustration.) Pkt. 25c.

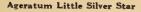
# BEGONIA GRACILIS LUM-INOSA COMPACTA (Annual)

1513 This is the first dwarf variety of the gracilis type. The plants grow only 5 ins. high and produce a large number of thin stems. They are remarkable for their marvelous scarlet blossoms. This new variety, coming true from seed, is very useful for beds, borders, edgings and also as pot plants. (See illustration.) Pkt. 25c.



Cactus Aster "Elf" (Annual)

Novellies continued on next page



Begonia Gracilis

# **NEW INTRODUCTIONS**

FOR 1933—Continued



CANTERBURY BELLS (New)

# CANTERBURY BELLS (New Annual) Seed planted in February blooms in 'July 1652 New years of careful closely blooms at last size.

Seed planted in February blooms in July
1653 Many years of careful selection have at last given
us an annual Canterbury Bell which blooms from
seed in less than six months. It should now be
possible to have this beautiful flower bloom at
almost any time of the year. The plant grows
about two and a half feet tall, each plant having
from six to eight spikes of blooms. We offer this
in mixture containing the following colors: dark
blue, light blue, pink, rose and white.....Pkt. 25c

### **NEW DELPHINIUMS**

GIANT MIXED (Annual)

2086 Iceberg (Perennial) We have genuine pleasure in offering this variety, as it is the first white delphinium to come true from seed. The plant grows about four feet high and the spikes are thickly clothed with large white flowers, during July and August. It is not until its second year that it attains perfection. (See illustration.)....Pkt. 25c





2659 A new improved strain of Annual Lupines. They grow from three to four feet tall and have the base branching habit, with four to six spikes long to a plant. Each spike has from twenty-five to fifty blooms. Colors include dark blue, rose and white. We feel confident that this new strain will increase the popularity of this fine Annual Lupine so easily and quickly grown from seed. Offered in mixture.

Pkt. 25c





3361 Coppery King (Annual). The raiser of this variety writes: "For years I have been working to 'fix' permanently, this dwarf variety of the large flowering Petunias, which are so popular. I am, glad to say that in Coppery King, I have succeeded and have now enough stock on hand to offer the seed."

The large flowers are coppery red in color, quite unique in the Petunia, with wide open throats. The plants usually grow only fifteen inches high and are fine for window boxes........Pkt. 25c

(See mustration).

3364 "Gottfried Michaels" (Annual). Last year the variety "Setting Sun" was introduced and now a second well fixed color comes to join the fringed "Erfurt Dwarf" Petunias. The compact bushes 12 ins. high, are covered with daintily fringed, bright amaranth red flowers with dark throat, measuring about 3 ins. in diameter. They are excellently suited for borders as well as for pots and window boxes. (See illustrations). Pkt. 25c



MIMULUS RED EMPEROR



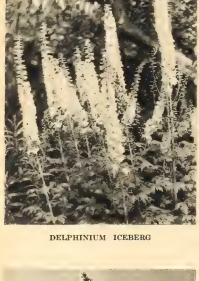
PETUNIA SETTING SUN



PETUNIA STAR OF CALIFORNIA



PETUNIA "GOTTFRIED MICHAELS"





LUPINUS HARTWEGGII (New)

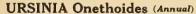
**NEW INTRODUCTIONS** 

# FOR 1933—Continued POPPY SHIRLEY "SWEET BRIAR" Double Begonia Flowered (Annual)

3451 One of the most popular colors and also more in demand than any other variety of Shirley Poppy. Sweet Briar is a delightful shade of deep Rose-Pink. The blossoms are very full and double, resembling a very large double Begonia. (See illustration.) Pkt. 25c



4461 Purple Beauty is unique because it is the first purple Sweet William ever known. Its bright deep purple color is wonderfully effective in a bed or border, and there is no doubt that it will be equally popular as a cut-flower. (See illustration.)..Pkt. 25c



4478 An interesting annual from the Cape of Good Hope.
The plants are dwarf in habit, growing about one foot high, and carrying on long wire-like stems; numerous orange colored daisy-like flowers with brown centers; which present a very decorative appearance. In some European countries one may see beds of Ursinia in the public parks making a striking and lasting display. (See illustration.)

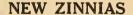




4489 ROYALE (Annual). The color of this new Verbena is a rich deep royal blue with a large creamy yellow eye. A wonderful acquisition to our group of Grandiflora Verbenas. (See illustration.). Pkt. 25c

4512 FIREBALL (Annual). A dwarf compact Verbena about six inches high literally covered with bright scarlet blooms, excellent for borders, beds, or pot plants and comes absolutely true from seed.

Pkt. 25c



4660 SCABIOUS FLOWERED (Annual). Really a curiosity, the outer row of petals are long and large, while the inner rows are short and tubular, giving the flower the appearance of a Scabiosa. The plants grow three feet in height and are crowded with flowers. (See illustration.)..........Pkt. 25c

LILLIPUT (Annual) An uncommonly pretty small flowering type of Zinnia. Seed sown as soon as warm weather comes will produce flowering plants in 75 days. (See illustration.)





Verbena Royale



Verbena Beauty of Oxford



Zinnia Scabious Flowered



Zinnia Lilliput



Poppy Shirley Sweet Brian



Ursinia



Verbena Colossal



# THE ASTER Queen of Autumn (Annual)

Just when summer is beginning to merge into autumn and the floral bloom in the garden is diminishing, along comes the queenly Aster to makeup the deficiency and renew the attractiveness of the garden.

### AMERICAN BEAUTY

This beautiful variety is beyond doubt one of the grandest sorts in cultivation. It is of the late branching type, growing from 2 to  $2\frac{1}{2}$  feet high. The flowers are large and full, with incurved petals measuring from 4 to 5 inches in diameter, and are borne on stems from 15 to 20 inches long. We offer the following colors. (See illustration.)

#### **AUTUMN GLORY**

# ASTER EDELWEISS-Snow White (Annual)

#### MIKADO ROSE

1228 This is a branching variety bred from Giant Comet and has become quite popular. The flowers resemble Japanese "mums" having long, curled, and twisted petals, and are borne on long stems. Color brilliant rose. The plants are spreading in habit and bloom early. (See illustration)

#### SENSATION

1234 Large, full double flowers of most brilliant crimson on long well-leaved stems. Most effective for either garden decoration or cut and vased. The plants are good healthy growers of branching bush habit, 15 to 18 inches in height... Pkt. 15c

#### LARGE SINGLE CHINA

A liking for single flowers has created a demand for longstemmed China Asters, which are of unsurpassed decorative effect when cut and vased. These Asters, of strong, healthy growth, are profuse bloomers and are also showy garden plants.

 1244 Heliotrope
 Pkt. 10c

 1246 Rose-pink
 Pkt. 10c

 1248 White
 Pkt. 10c

 1250 Mixed Colors
 Pkt. 10c

1251 Collection of above 3 separate colors.......25c

#### GENERAL JOFFRE

#### EXPRESS COMET—Extra Early

Express Comets are nearly as good as late-flowering sorts and come into bloom in the open ground by the middle of July. They are the largest early Asters of which we know, flowers  $3\frac{1}{2}$  inches across, splendid substance and long stems; plants are 18 inches high; free bloomers.

	Per Pkt.	Per 1,000 seeds
1292 Azure-blue	10c	60c
1294 Dark Blue	10 c	60c
1296 Rose-pink	10c	60c
1298 Pure White	10c	60c
1300 Mixed Colors	10c	50c

1301 Henderson's Collection of Express Comet Asters. One pkt. each of four separate colors........................30c

# HEART OF FRANCE (Shown in Colors on Page 80)

1306 The best pure Red Aster ever introduced. Heart of France opens red as the purest ruby, deepens with age and retains its remarkable beauty to the very end. The flowers are large and full with never a trace of hollow center. The stems are long and strong and have few laterals. The branching plants bloom quite early in the season and open fully with the mid-season varieties. (See illustration.) Pkt. 15c

# ASTERS (continued)

GIANT COMET (Henderson's)

These truly grand Asters are a highly developed American type of the German Comet, or Mammoth Ostrich Plume Asters and are far superior to imported strains. The flowers are of immense size, 4 to 5 and often 6 inches across, composed of long wavy twisted petals, gracefully formed into loose, yet densely double, half globes, equaling some of the finer Ostrich Plume Chrysanthemums. The plants, of luxuriant branching growth, attain a height of 18 inches to 2 feet. (See illustrational contents of the contents of the

tion.)	rer	Per
	Pkt.	1,000 seed
1264 Azure-blue	.10c	60c
1266 Crimson	.10c	60c
1268 Lavender	.10c	60c
1272 Rose-pink	.10c	60c
1274 Shell-pink	.10c	60c
1276 Violet-purple	.10c	60c
1278 White		60c
1280 Mixed Colors		50c

1281 Henderson's complete collection of Giant Comet Asters. One packet each of the above seven varieties..............50c

IMPERIAL OR "DAYBREAK" (Shown in Colors on Page 80)
These Asters—made in America—are Mid-symmer flowing varieties, healthy and vigorous in growth, of upright bushy habit and very profuse bloomers—veritable bouquets of flowers. The flowers—borne on good, long, stiff stems—are so very double as to appear almost like balls. The petals, short and narrow, are slightly folded and of durable lasting substance. While splendid as cut flowers, it is the bedding Aster for our American climate and conditions. Per Per

1,000 seeds Pkt. An exquisite shell-pink.....10c 60c 1316 Daybreak. 1318 Purity. Pure snow-white.....

# GIANTS OF CALIFORNIA (See illustration above)

We take pleasure in recommending this type as being one of the best Asters ever offered to garden lovers. Characterized by the well-known Comet or Ostrich Plume type of flower, combined with the Daybreak Aster's long branching stems and sturdy habit of growth, places this variety at the head of this class.

Careful selection has perfected this type and we approve of the above for cutting and bedding. (See illustration).

1325 Light Blue... Pkt. 25c
1326 Peach Blossom. Pkt. 25c
1329 White... Pkt. 25c
1327 Dark Purple... Pkt. 25c
1330 Mixed Colors. Pkt. 25c

1331 Henderson's Complete Collection, one pkt. of each of the above five varieties.....\$1.00





#### KING (Shown in Colors on Page 80)

An American type of distinctive beauty, unlike any other Asters grown. The plants are tall, strong growers, with long stems crowned with massive double flowers 5 inches across, composed of long, narrow straight petals folded lengthwise, which gives them a quilled appearance. The flowers are of great substance and last leavest than any other Asters a quilled appearance. The

longer than any other rister.	Per	Per
	Pkt.	1,000 seeds
1368 Crimson King. Rich crimson	10c	60c
1372 Lavender King. Rosy-lavender.	10c	60c
1374 Pink King. Rosy-Pink		60c
1376 Violet King. Purple-violet	10c	60c
1378 White King. Pure white		60c
1380 Mixed Colors		. 50c

1381 Henderson's Collection of King Asters, one pkt. of each of the above five separate varieties. . .

I have 500 asters from your seed set in two beds. They are the nave 500 usiers from your seed set in two vets. They are the wonder of this entire community. It is six weeks now since we have had any rain and gardens are generally very dry. I watered my asters for the first time August 20th. In the entire garden not one plant shows the effect of the dry weather. Have been very successful with all the seed you sent me."—R. B. MacFarland, Conneaut. Ohio.

# ASTER-HENDERSON'S INVINCIBLE (Annual)

(Shown in Colors on the Opposite Page)

# "They are Royally Grand." The Largest and Most Beautiful of all Asters

A superior race in every way. The plants are of very healthy, robust, branching growth, about 2 feet or more high—producing, on long stems, massive Chrysanthemum-like flowers of perfect form on long stems, massive Chrysanthemum-like nowers of perfect form and graceful outline, exceedingly double to the very center. The petals are of thick, durable substance, and, in consequence, the flowers last long in perfection. They are wonderfully prolific and continuous bloomers from summer until frost. When grown in masses in garden borders, or grouped in beds, their decorative effect is unapproachably gay and enlivening. When well grown the flowers average 3½ inches across; 4-inch flowers are quite common, and if grown especially for cut flowers, the side branches pruned, allowing a plant to carry not over 8 or 10 flowers, one flower to a stem, they may measure up to 5 inches across.

Many of our patrons have been fortunate enough to capture numerous prizes with them at exhibitions, flower shows, etc.

#### POT-GROWN PLANTS OF INVINCIBLE ASTER

We can furnish pot-grown plants of Invincible Asters ready April 15th. Price, 15c each; \$1.25 per doz. Purchaser pays transportation. For complete list pot-grown plants, see page 140.

HENDERSON'S INVINCIBLE ASTERS	Per
Pkt.	1,000 seeds
1342 Carmine-rose. Bright rosy-carmine15c	75c
1344 Crimson-brilliant. Rich bright red 15c	75c
1346 Deep Blue. Bright indigo-blue	75c
1348 Deep Pink. Lively warm rose-pink15c	75c
1352 Lavender. Charming silvery-lavender15c	75c
1354 Pearl - pink. Exquisite blush and shell	
pink15c	75c
1356 Violet-purple. Rich velvety purple15c	75c
1358 Pure White. Purest snow-white15c	· 75c
1360 Henderson's Invincible Asters, Mixed	
Colors15c	60c

1361 Henderson's Collection of Invincible Asters, 1 pkt. each of the above 8 varieties and shown in colors on the opposite page, for \$1.00 postpaid.

# A Novelty That Has Made Good THE BEAUTIFUL SUNSHINE ASTER (Annual)

(Shown in colors on page 80)

There is no doubt that the Sunshine Aster is a distinct acquisition to floriculture.

The colors of these recently introduced Asters are surprisingly beautiful, chiefly because of the strongly contrasting disc-like centers with the surrounding aurea of petals.

The ensemble presents an airy lace-like effect different to any other Aster. The flowers average 3 to 4 inches in diameter. Our color plate on page 80 shows the various colors we offer. They have become instantaneously popular, and are much in demand as cut-flowers.

		ASTER	SUNSHINE	
1452	Blue			pkt. 15c
1453	Pink			pkt. 15c
1454	White			pkt. 15c
1456	Crimson			pkt. 15c
1457	Violet			pkt, 15e
1455	Mixed colors		Per 1,000	seeds, 60c; pkt. 15c

1461 Collection of five separate colors................60c

# "QUEEN OF THE EARLIES" (Annual)

(Queen of the Market.) Valuable on account of their extreme earliness for cutting; plant 18 inches high; medium-sized double flowers on long stems.

		Per	
			1,000 seeds
1398	Crimson	10c	50c
1402	Dark Blue	10c	50c
1404	Lavender	10c	. 50c
1406	Rose-pink	10c	50c
1408	White	10c	50c
1410	Mixed Colors.	10c	50c
			000

1411 Collection of above 5 Separate Colors...................40c

# NEW ROYAL (Annual)

A little later than the "Queen of the Earlies," but superior to it. The plants are of branching habit, about 2 feet high; the flowers being large, very double, and the stems are long and upright in growth. The petals are broad and incurved, or shell-shaped, giving the flowers a charming and distinctive effect. They are vigorous and sturdy growers, branching from the base of the plants. Although early—Mid-Season Asters—they remain in flower a long time flower a long time.

		Pkt.
1422	Royal Lavender	
1424	Royal Shell-pink.	
1426	Royal Purple	
1428	Royal White	15c
1430	Mixed Colors	15c

1431 Henderson's Collection of above 4 Separate Colors...50c

# SEMPLE'S LATE-FLOWERING (Annual)

Superior late-flowering Branching Asters. The flowers are large, very double and borne on long stems. They begin blooming about the first of September. Plants strong growers,  $1\frac{1}{2}$  to 2 ft.

1438	Crimson	
	LavenderPer 1,000 seeds, 50c; Pkt. 10c	
	Shell-pink (Mary Semple)Per 1,000 seeds, 50c; Pkt. 10c	
1446	PurplePer 1,000 seeds, 50c; Pkt. 10c	
	White	
1450	Mixed Colors	

1451 Henderson's Collection of above 5 Separate Colors 40c

#### NEW LARGE FLOWERING HARDY (Perennial)

These "Michaelmas Daisies" are splendid subjects for permanent positions in the herbaceous border, they form large, bushy clumps 1½ to 2 ft. high, and are covered with clusters of large single flowers during the late summer months, forming one of the charms of the autumn garden.

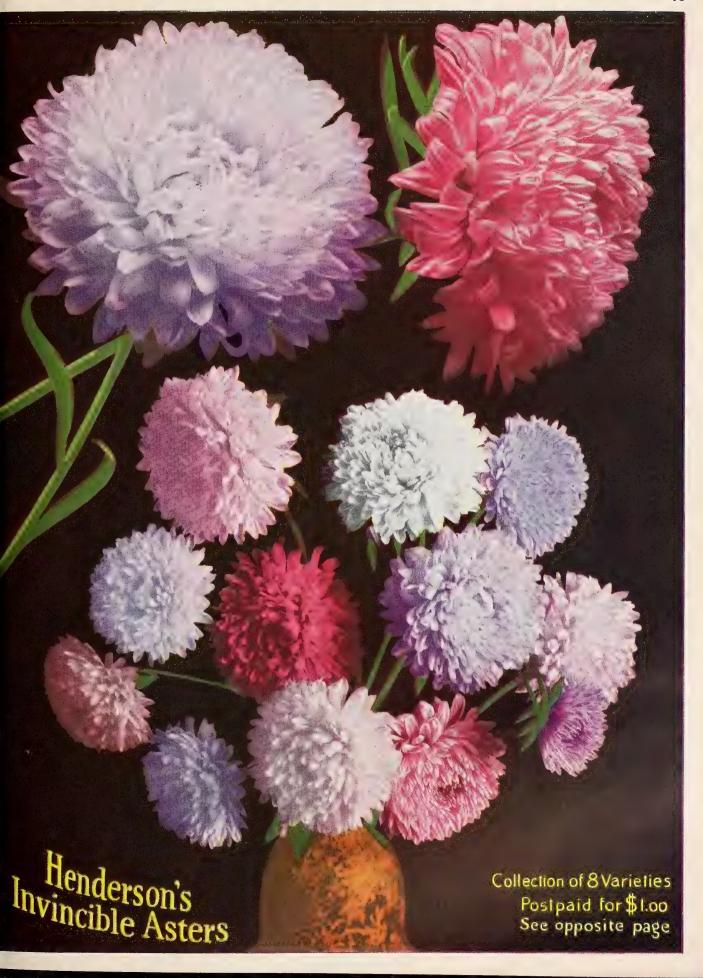
1462 Farreri. Unlike the other varieties of Hardy Asters, it begins blooming early in May and remains in flower for fully two months. The color is a lovely soft violet mauve with a golden disc in the center... .....Pkt. 25c

1464 Alpinus Goliath. A beautiful lilac with golden center. Pkt. 15c

1466 White Queen. Pure white single flowers of immense

1468 Aster Wartburg Star. A new hardy perennial giant flowering race of these popular Asters. The bright lavender blue marguerites-with yellow centers measuring more than 4 inches across are borne on stalks 28 inches long and appear in flowers at the same time as white marguerites and Gaillardia....Pkt. 25c 1470 Mixed Colors. New large-flowering hybrids.......Pkt. 10c

To every purchaser of Aster Seeds, we will send Free, if requested, our leaflet, "Latest and Best Methods of Growing Asters." which tells how to grow them to perfection both in garden beds and for cut flowers.





SEE COMPLETE DESCRIPTIONS OF THESE ASTERS ON PAGE 78

ENDERSON'S
HOUNT VERNON" Collection of Six

# A Great Advance on Old Varieties Henderson's "Mount Vernon" Collection of Six Giant Snapdragons

The efforts of a number of plant hybridizers, for almost a quarter of a century, have been rewarded with wonderful results in the development of the Antirrhinum or Snapdragon.

For a number of years, we offered an excellent strain of Snapdragons known as Antirrhinum majus grandiflorum. This strain on account of its large flowers produced on long spikes, was in a great measure instrumental in bringing the Snapdragons into popular favor.

We now offer a new type of Snapdragon that represents the great advancement of this beautiful flower in our Mount Vernon Collection. The flowers of this type average about twice the size of those previously offered, and under favorable conditions will produce well set spikes of flowers about two feet long.

Tayorable conditions will produce well set spikes of flowers about two feet long.

The continuous-blooming qualities of the Snapdragons, their ease of culture and pure, bright colors, entitle them to a permanent place in all gardens. Although perennials in the South, they do splendidly when grown as annuals in the North; spring sown seed produces flowering plants by July, which continue to bloom in increasing profusion until frost. When planted in beds the plants should be placed 9 inches apart each way, pinching out the tops, and although this delays the beginning of flowering it forces the plants to branch low and ultimately gives better results. When grown individually it is advisable to stake the plants on account of the weight of the large spikes of bloom.

1123 Canary Bird. Pure soft canary yellow. (See color plate No. 5.).

1125 Cerberus. Rich carmine red. (See color plate No. 3.).

1127 Defiance. Old gold color. (See color plate No. 4.).

1129 Purple King. Bright purplish red. (See color plate No. 6.).

1129 Purple King. Bright purplish red. (See color plate No. 6.).

1130 Snowflake. Pure white, yellow throat. (See color plate No. 2.)

1131 The Rose. Bright rose pink. (See color plate No. 1.).

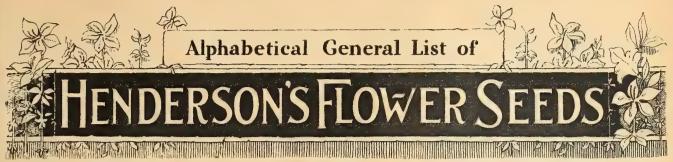
1134 Wiked. Choicest varieties.

1145 Collection. One packet each of the above six separate colors.

126 The Rose. The Rose Park. 150 Pkt. 150 Pkt.

Pot-Grown Plants of Giant Snapdragon We can furnish pot-grown plants of Giant Snapdragon ready April 15th. Price 15c. each; \$1.25 per doz.





Our Prices Have Been Reduced to the Lowest Point, Consistent with the Production of Quality Seeds

### ACHILLEA (Perennial)

### ACONITUM NAPELLUS (Monkshood) (Perennial)

1016 Handsome, hardy herbaceous plant, throwing bold spikes of dark blue flowers in summer. Effective in hardy flower borders, shrubberies, etc.; height, 3 to 4 feet.........Pkt. 10c

# ACROCLINIUM, Double Mixed (Annual)

1020 Free summer-flowering annual plants for garden decoration; the flowers dry as "Everlastings" for winter bouquets. Acrocliniums are also grown as pot plants for market in European cities—in full bloom the plants are showy and effective—and will stand a lot of abuse on account of the lasting quality of the flowers. Grows to a height of 1 foot.

Pkt. 10c

### AGERATUM or Floss Flower (Annual)

Dwarf compact-growing annual plants, 6 to 12 inches high, flowering freely throughout the season from spring-sown seed. Splendid for bedding, edgings or pots. Ageratums produce flowers freely all through the summer. The flowers of the taller varieties are fine for bouquets. (See illustration.)

variety from Mexico. It belongs to the Star type, and is valuable for pot culture,

# AGROSTEMMA CORONARIA (or Hardy Rose Campion) (Perennial)

Perennial growing 2 feet high, suitable for rock gardens and borders. Colors are crimson and white with a rosy eye. The foliage is silvery white, they bloom abundantly and are very easy to grow.

1045 Mixed Colors.......Pkt. 10c

### ALYSSUM, SWEET (Annual)

ALYSSUM, SWEE1 (Annual)

1052 "Carpet of Snow." (A Compacta Procumbens.) This new variety is pure white and grows only 2 to 3 inches high and flowers profusely; in fact, it is a perfect carpet of snow throughout the season. We have counted as many as 300 heads of pure white flowers open on one plant at one time. For edging and bedding this is a very satisfactory little annual. (See illustration). Per ½ oz. 50c; pkt. 10c

1054 Maritimum. The well-known Sweet Alyssum; white flowers borne profusely. ¾ foot

1055 Lilac Queen (Compactum.) Flowers open white turning to a pleasing shade of light lavender, compact growth, height ½ foot. Per ½ oz. 60c; pkt. 10c

1056 Tom Thumb or Little Gem Sweet Alyssum. (A. Benthami Compactum Erectum.)

One of the finest for edgings and low beds; ½ foot. Per ½ oz. 40c; pkt. 10c

#### (Perennial)

1057 Alyssum, Hardy Saxatile Compacta. A beautiful dwarf hardy perennial for spring beds or edging a flower border. Popularly known as "The Basket of Gold." The deep flowers are produced in large clusters and are of a deep pure yellow, % foot. For plants see page 145.
Per ¼ oz. 35c; pkt. 10c

#### AMARANTHUS (Annual)

These robust annuals, including "Love-Lies-Bleeding," "Joseph's Coat," etc., attain a height of from 4 to 6 feet; are very showy and effective garden plants.

1072 Abyssinian. This giant "Love-Lies-Bleeding" has light green foliage, veined and shaded

rose, and pendent chenille-like tassels of red, measuring up to 2 feet in length and borne

in clusters. Pkt. 10c
1073 Aurora. The plant is clothed from ground to tip with long, arching leaves, colored rich green and bronze at the base; the foliage brightening toward the top into rose-yellow, red and green. Pkt. 10c













Turn to pages 81 and 82 for Colored Plates of Antirrhinum or Snapdragon.

# AMMOBIUM ALATUM (Annual)

1079 Valuable white Everlasting. The fully expanded flower has a yellow center. If sown in April or May the plants bloom freely the same year. Height, 2½ feet . . . . . Pkt. 10c

# AMPELOPSIS VEITCHII, "Boston" or "Japan Ivy" (Perennial)

#### **ANCHUSA**

1087 Italica (Perennial) "'Dropmore" variety. A fine, large, hardy, herbaceous plant, 4 to 5 feet high. This new "Dropmore" variety is a great improvement on the type; the beautiful Forget-Me-Not-like flowers being much larger than others and of a lovely Gentian blue produced in long, loose sprays. Invaluable for the hardy border, as flowers are produced during the entire season and until late in the fall...

1088 Anchusa Myosotidiflora (Perennial). A beautiful hardy variety from Siberia, bearing a profusion of light blue flowers resembling the Forget-Me-Not, blooms in April and May, splendid for rock gardens, height 2 feet....

1089 "Blue Bird" (Annual). The perennial Anchusa, in its highest development, the Dropmore variety, is deservedly popular by its lovely bright blue flowers. This esteem is now shared by the annual Anchusa, which grows about 18 inches high, is of compact habit, and bears its flowers in a luxuriant bouquet at the top of the plant. The latter are of a vivid indigo blue and of brilliant effect for the decoration of beds and borders. (See illustration).....

# ANEMONE (Perennial)

1092 St. Brigid. These beautiful Irish Poppy-flowered varieties are hardy perennials, flowering from seed the second year and thereafter. Produce in abundance large simple, semi-double and double flowers 3 to 5 inches across, in an endless variety of colors, from maroon and brightest scarlet to flesh-pink, and from lilac to purple. Some are mottled, striped, ringed, etc. For cutting they are unsurpassed and in the garden they flower until after frost. From seed sown in January or February under glass the plants should begin to bloom in September or October of the same year, and continue until the following lune. Seed may also be sown in June or July for plants to bloom in the succeeding Seed may also be sown in June or July for plants to bloom in the succeeding (See illustration).....

# ANTIRRHINUM or Snapdragon (Annual)

Special Greenhouse Forcing Varieties (See illustration)

We particularly recommend these sorts as very valuable for forcing under glass. 

# ANTIRRHINUM HYACINTH FLOWERED (Annual)

(Illustrated in Colors on Page 82)

Before the advent of the improved modern sorts the Snapdragon was a very popular flower. It was then perpetuated by subdividing the plants but now it is mostly grown from seed. Antirrhinums have been more rapidly improved than any other garden flower, and are grown everywhere. The varieties shown in colors on page 82, known as Hyacinth flowered, are a great improvement over the ordinary dwarf sorts. The great size and perfect form of the individual bloom combined with ideal symmetry of the spike are its main characteristics. A beautiful variety for beds or borders, height 1 foot. Seed is sown in the open ground in May to flower in July, but a better way is to start seeds indoors in March and transplant outdoors when ready.

1105 Advance. Diffiant orange scattet with white throat	FKt. 13C
1104 Charm. Rich, glowing rose	Pkt. 15c
1105 Empress. Velvety crimson	Pkt. 15c
1106 Golden Monarch. Golden yellow	Pkt. 15c
1107 Madonna. Pure white	Pkt. 15c
1108 Melody. Salmon pink with lemon center	Pkt, 15c
1109 Firelight. Scarlet and orange	Pkt. 15c
1115 Nelrose Improved. Coral pink	Pkt. 15c
1116 Philadelphia Pink. An exquisite shade of light pink	Pkt. 15c
1110 Mixed Colors	Pkt. 15c
1111 Collection of above 9 named varieties 1 packet each	\$1.00

# ANTIRRHINUM GIANT (Illustrated in Colors on Page 81)

### The "Mount Vernon" Collection of 6 Giant Snapdragons

We offer a new type of Snapdragon that represents the great advancement of this beautiful flower in our Mount Vernon Collection. The flowers of this type average about twice the size of those previously offered, and under favorable conditions will produce well set spikes of flowers about two feet long.

1123		Pure soft canary
1125		h carmine red. Pkt. 15c
1127	Defence Old	gold color Pkt 15c

Drilliant or

1129 Purple King. Bright purplish red.

1133 Snowflake. Pure white, yellow throat 

1141 Collection. One packet each of the above six separate colors......75c

# ANTIRRHINUM ROCK HYBRIDS (Annual)

This very pretty hybrid forms small compact bushes with variously colored flowers, shades of rose, pink, purple, mauve and bicolors being produced in great profusion. It blooms two weeks earlier than the average Snapdragon and is eminently suitable for decoration of rock and alpine

garuens.		*
1143 Pink Gem		Pkt. 25c
1144 White [Gem		Pkt. 25°
1145 Mixed Colors	***********	Pkt. 25c

### AQUILEGIA OR COLUMBINE (Perennial)

These hardy perennial plants bloom at a time when there is a short lapse of bloom in the gardens, immediately after the spring bulbs are through flowering, and before the perennials have begun.

- 1150 Henderson's American Hybrid Columbine. The flower stems, often 40 inches in height, carry magnificent clusters of immense, long-spurred single flowers lasting a long time. The colors include rich shades as well as new and delicate tints, pure white, blue and white, pure yellow, pink with yellow corolla, red with orange corolla, cerise, purple, rose and white, salmon; lavender, mauve, etc. (See illustration) Pkt. 25c

  1153 Chrysantha. The beautiful, long-spurred yellow variety Pkt. 10c

# ARABIS ALPINA (Rock Cress) (Perennial)

# ARCTOTIS GRANDIS (Annual)

1175 A very popular annual, having large, pearly white flowers borne on long stems well above the foliage. The petals are white on the upper surface and pale lilac on reverse and in the center of the flower is a light blue disc surrounded with white stamens and a narrow golden band. Seen in the bright sunlight a very charming effect is produced as the white petals contrast beautifully with the blue disc and the stamens. Very good for cutting. The plant is of branching habit and forms a clump 2 to 3 feet high; when in flower the entire bush seems to be covered producing a very striking effect in either bed or border. (See illustration)

# ARGEMONE (Annual)

1182 Hybrida Grandiflora. These new, large-flowering "Prickly Poppies" form branching plants about 3 feet high and 18 inches across. The large, single, Poppy-like flowers are white, cream, primrose and yellow. They are borne freely and continuously all summer long; the thistle-like foliage is of a grayish-green with silvery ribs. They grow quickly and easily from seed, will thrive in any sunny situation and are particularly effective in the mixed flower border.

Pkt. 10c

#### ARISTOLOCHIA SIPHO (Perennial)

# ARNEBIA CORNUTA (Annual)

#### ARTEMESIA OR SUMMER FIR (Annual)

# ASPARAGUS, Ornamental (Perennial)

# AUBRETIA (Rainbow Rock Cress) (Perennial)

1478 Large flowering hybrids mixed. A fine hardy perennial plant suitable for rock gardens and edgings. Flowers mauve, rose, etc., height 1 foot (See illustration).......Pkt. 25c

#### AURICULA (Perennial)

#### BALLOON VINE (Annual)

1486 Rapid-growing annual climber, 10 to 15 feet, white flowers followed by balloon-like seed













BALSA		

B	There are the most perfect in form and largest flower and developed in this old model for the
8	These are the most perfect in form and largest flower yet developed in this old garden favorite,
27	which is among the most popular of summer annuals; height, 1 ½ to 2 feet. (See illustration.)
í	1490 Goliath. Mixed colors. A new type of phenomenally robust growth, throwing up
Ą	a main stem about 4 feet high, the lower half of which carries several candelabra-like
ı	side branches, all of which are well clothed with very large and double flowers of charming
ď	colors
ŀ	1492 The King. Glowing fiery-scarlet, large, full double flowers
7.	1494 The Queen. Deep rose-pink, large, double flowers; exquisite
200	1496 White Perfection. Large double white
300	1500 Extra Choice, Doubled Mixed. Containing many colors, spotted, blotched, striped,
	etc

BARTONIA, Golden (Annual)

1506 Bartonia Aurea. A native of California, and one of our showiest annuals. It produces large single golden-yellow flowers which have quite a metallic lustre when the sun shines on them. A large cluster of yellow-stamens adds to the effectiveness of the blossoms, which measure nearly 3 inches across, and are borne profusely all summer long, on bushy plants about 1 foot high. It succeeds best grown in masses so the foliage will shelter the ground from the hot sun. It will then thrive almost anywhere, but prefers a moist situation. Pkt. 10c

BEGONIA, Everblooming Fibrous-Rooted Varieties (Annual)

The semperforens (Ever-flowering) varieties of fibrous-rooted Begonias offered below are unsurpassed bedding plants. Thriving equally well in partially shaded or sunny locations, flowering profusely through summer and fall—beds or edgings of these Begonias being a sheet of color continuously. As pot plants for winter flowering they are also superb; easily grown from seed which should be sown early indoors.

1512 Luminosa. A popular bedding variety having flowers of a deep dark scarlet, foliage reddish brown.

Pkt. 25c.

Pkt. 25c.

of color continuously.

from seed which should be sown early indoors.

1512 Luminosa. A popular bedding variety having flowers of a deep dark scarlet, foliage reddish brown.

Pkt. 25c

1514 Magnifica. A very striking bedding or pot plant, producing bright crimson flowers; dark bronze foliage, plants bushy and compact, about 10 inches high.

Per 1,000 seeds, \$1.00; Pkt. 25c

1515 Rosabella. The fine compact habit of growth of this plant and the profusion with which the delicate salmony pink flowers are produced easily places this variety in the forefront of the class of Bedding Begonias.

Pkt. 50c

1516 Prima Donna. Splendid bushy plants, 10 inches high by 12 inches across. The flowers are unusually large, 1 to 1¼ inches in diameter, and of charming rose color shading to carmine in center. (See illustration.)

Per 1,000 seeds, \$1.00; Pkt. 25c

1517 Radio. The plants, 1 foot high, are strong and the blossoms form large loose clusters.

The color is a pure brilliant carmine rose contrasting most effectively with the golden-yellow anthers and the brown tinted dark green foliage.

Pkt. 25c

1518 Vernon. Fine bedding and pot plant, 6 inches high; blood-red flowers in profusion.

Per 1,000 seeds, \$1.00; Pkt. 25c

BELLIS or Double English Daisy (Perennial)

Greatly improved varieties of the popular "Double Dasies." Adapted for edgings, borders and low beds and also well suited for growing in pots. Although perennials, they will flower the same season if the seed is sown early, though it is preferable to sow in fall, and winter the plants in cold frames. (See illustration.) Height, 6 inches.

1522 Red. Large, densely double flowers, glowing red, shaded sose.

1522 Per 1 000 seeds, 75c: Pkt. 10c.

1524 Red. Large, densely double flowers, glowing red, shaded rose.

1524 Longfellow. Extra large double rose-pink flowers. Per 1,000 seeds, 75c; Pkt. 10c
1526 Snowball. Large, very double, pure white flowers. Per 1,000 seeds, 75c; Pkt. 10c
1530 Double Mixed Colors. Per 1,000 seeds, 75c; Pkt. 10c
1531 Helichrysoides. A very desirable plant either for bedding or for pot culture, having beautiful pink flowers, with long incurved petals resembling a Miniature Helichrysum.

Will flower the same season from spring-sown seed. Pkt. 15c

BELLIS Monstrosa (Perennial)

These new "Double" Daisies surpass all others trains in abundance of large bloom. Each plant produces 12 to 15 flowers that measure 2 to 3 inches across carried on long, strong stems. 

 1534 Monstrosa Double Rose
 Per 1,000 seeds, \$1.00; Pkt. 15c

 1536 Monstrosa Double White
 Per 1,000 seeds, \$1.00; Pkt. 15c

 1540 Monstrosa Double Mixed
 Per 1,000 seeds, \$1.00; Pkt. 15c

BIGNONIA Grandiflora or Trumpet Vine (Annual)

1549 The Hardy Trumpet Creeper, clusters of large orange-red flowers; picturesquely effective on arbors, etc.; 40 to 50 feet. Nothing can exceed the beauty of Bignonia when trained over stumps or fences.

Pkt. 10c

BRACHYCOME or Swan River Daisy (Annual)

1560 B. iberidifolia is a garden annual making a compact bush, 8 inches high; single, blue or white flowers. It is very suitable for beds or borders as it blooms most of the summer. As a pretty pot plant for the house it is very desirable; the flowers lasting a long time. As a pretty pot pla Mixed Colors....

BROWALLIA (Annual)

1565 Speciosa Major. Free flowering annual for either gardens in summer or pot culture in winter; produces flowers ½ to 2 inches across, indigo blue with white throat; 1 foot.

Pkt. 25c

CACALIA (Tassel Flower) (Annual)
1569 Coccinca. An attractive bedding annual, having scarlet tassel like flowers growing
Pkt. 10c

CALCEOLARIA (Perennial)

1578 Lignosa. "Bunch of Gold." A fine variety for bedding, having golden yellow flowers, growing about a foot high. Pkt. 50c
 1580 Large-flowering Spotted Varieties, Mixed. Gorgeous plants for growing in greenhouse and conservatory. The flowers are borne in the greatest profusion through spring and summer; colors, yellow, maroon, white, etc., spotted and blotched in the most unique fashion; 1½ feet. (See illustration.). Pkt. 35c







# CALENDULA or Scotch Marigold (Annual)

The popularity of this beautiful annual has been greatly advanced by the commercial florists, who grow them during the winter to supply the demand of the retail cut-flower trade.

Henderson's Improved Calendulas form bushy plants 1 foot high by 1 foot in diameter, and are literally covered with the large showy double flowers. Our seed has been saved from only the largest and most perfect flowers in shape, size, depth and color. Sow seed outdoors in the spring.

1592 Lemon King. Large, double flowers of lemon-yellow. Per 1/4 oz. 25c; Pkt. 10c

1594 Meteor. Bright yellow, striped orange through the center of each petal. Per ¼ oz. 25c; Pkt. 5c 1596 Orange King. Large, double flowers of intense golden-orange. Per ½ 0z. 25c; Pkt. 10c

1598 Radio. This unique new flower is a recent introduction from Europe.

The true Radio form is a medium sized orange flower with quilled or comet petals curled and twisted, borne on medium stems.....Pkt. 15c

# CALLIOPSIS "KING" Large Flowering (Annual)

One of the showiest and most easily grown of garden annuals. These new large-flowering sorts are great improvements; the plants form perfect little bushes about 10 inches high by 1 foot across and are a perfect mass of blom from early summer until cut down by frost. The flowers average nearly 2 inches across, and range through yellow, golden and crimson colors, usually with a garnet eve with a garnet eye.

1602 Crimson King. Rich, dark crimson flowers................ Pkt. 10c 1604 Golden King. Large golden blossoms, with dark eyes ..... Pkt. 10c 1606 Drummondii or "Golden Wave." Compact, bushy plants, covered with golden blossoms 2 inches across, with small dark centers.

Per ¼ oz. 25c; Pkt. 5c

1608 Star of Fire. A brilliant Tom Thumb Calliopsis, only 12 inches high; covered with a mass of fiery-red, Cactus-shaped flowers . . . . . Pkt. 10c 

1611 Imported Collection of Calliopsis, 12 varieties.

# **CUP AND SAUCER CANTERBURY BELLS**

(Biennial)

The "Cup and Saucer" (Campanula Calycanthema) varieties are biennials flowering the second year from seed, produce beautiful single flowers 3 inches in length, saucers 3 to 4 inches across. The plants form perfect pyramids of bloom for weeks during the eatly summer. (The seed should be sown every year for flowering the next year.)

1622 Calycanthema	Blue	 Pkt. 10c
1624 Calycanthem	a Rose	 Pkt. 10c
1626 Calycanthema	Striped	 Pkt. 10c
1628 Calycanthema	White	 Pkt. 10c
1630 Calycanthema	Mixed	 Pkt. 10c

# CANTERBURY BELLS (Biennial)

Very ornamental garden plants of easiest culture, flowering the second season from seed, hardy biennial (requiring to be sown every year for flowering the next year), 2½ feet high, producing large bell-shaped flowers of exquisite colors.

1654 Double BluePkt. 10c	1662 Single BluePkt. 10c
1656 Double Rose Pkt. 10c	1664 Single RosePkt, 10c
1658 Double WhitePkt. 10c	1666 Single WhitePkt. 10c
1660 Double Mixed Pkt. 10c	1670 Single MixedPkt. 10c

### CAMPANULUS or Bell-Flowers (Perennial)

Campanula persicaefolia grandiflora. (Peach leaved Bell-Flowers.) Remarkably handsome, hardy perennials, throwing up spikes 2 to 3 feet high; clothed during summer with large, bell-shaped blossoms of blue or Prized for both garden and pot culture.

1632 Blue.... 1634 White...

# CANARY BIRD VINE (Annual)

1675 A rapid-growing, summer-climbing annual, growing 10 to 15 feet high. It will cover trellis work in the most graceful manner, producing hundreds of its pretty fringed bright yellow flowers, which resemble a canary bird with expanded wings........... Pkt. 10c

# CANDYTUFT DWARF HYBRID Large (Annual)

The plants are fairly covered with blossoms; great favorites for beds, edging, pots and borders and of the easiest culture. They are double the size of the old varieties. Several new and exquisite shades and colors are included; they form busy little plants only 4 to 6 inches high.

1688 Dwarf Hybrid, Large-flowering White.
Per 1,000 seeds, 25c; Pkt. 10c
1690 Dwarf Hybrid, Large-flowering Mixed Colors.
Per 1,000 seeds, 25c; Pkt. 10c

1692 Empress or Giant White Hyacinth-flowered. A grand variety, producing enormous spikes of bloom, resembling a white Hyacinth. These spikes often measure 7 inches long by 2½ inches in diameter; plant in bloom 12 inches high. To produce the finest spikes the plant should be transplanted......Per ½ oz. 25c; Pkt. 10c

1694 Umbellata, Lilac..... 1696 Rose-cardinal. Produces very large umbels of bright, rose-cardinal

# CANDYTUFT HARDY (Perennial)

Handsome, compact-growing, hardy perennial plants, admirably adapted for permanent front rows of borders or for low clumps or beds; very valuable for early decoration.

1704 Gibraltica. Showy, large-growing, rosy-white; 1 to 2 feet . Pkt. 10c 

### CANNA, Crozy's

Crozy's Cannas are famous for their luxuriant, dwarf growth and immense Gladiolus-like flowers of most brilliant colors; their profusion and continuity of bloom under all climes and conditions render them easily the most useful, showy and popular garden plants grown.

1720 Crozy's Novelty Mixture. Seed saved exclusively from Crozy's latest large Gladiolus-flowered novelties in Cannas.

Per oz. 75c; Pkt. 25c







# CARNATION, Chabaud's Giant-Flowering (Annual)

(Illustrated in Colors on Page 91.)

These creations of a French "Carnationist" surpass all the race in richness and variety of coloring, and are surprisingly beautiful. Now we have varieties with all the qualities of the old Perpetual Carnation, flowering continuously after six months from sowing. Plants thicks et and bushy; stalks stiff and upright, bearing immense double blossoms of perfect regularity, some with fringed edges, some with smooth, some with rich solid colors, others tinted and blended, others with featherings and picotee markings, all perfuming the air with their sweetness; of incontestable merit for winter flowering and hardy enough for garden culture.

1732 Dark Red 1735 Pink 1733 Flesh	No. on plate	1736 Striped 1737 White 1738 Yellow	No. on plate  4 5 6
	Drice 25	ic per pocket	

1740 Chabaud's Fancy, Mixed Colors. ..... .....Pkt. 25c

# CARNATION MARGUERITE, Giant Flowering (Annual)

These flower profusely in summer and autumn from seed sown in the spring. The flowers of this wonderful strain often measure 2 inches across, and are usually as double as double can be. Most of them have lovely fringed petals and are delightfully fragrant. One great merit of these Carnations is that they commence to flower in about twelve weeks' time from seed. Seed sown in the spring will produce luxuriant plants that will be continuously full of bloom from August until killed by severe frosts, or seeds may be sown during the summer for the winter-flowering plants. (See illustration.)

1742	Pink	Per 500 seeds, 75c; pkt. 15c
1744	Scarlet	Per 500 seeds, 75c; pkt. 15c
	Striped	
	White	
	Yellow	Per 500 seeds, 75c; pkt. 15c

## CARNATION HARDY GARDEN (Perennial)

Seed sown in spring will produce large clumps that will stand out over winter and bloom the following summer and fall. All very double.
1754 Othello. A true dark crimson Vienna Carnation. Early and profuse flowering. Pkt. 25c
1756 Prof. Malmgreen. This brick red Prof. Malmgreen is a worthy successor of Othello.

If sown in July and planted out in August it will be the first of the garden Carnations to

1760 Finest Double Mixed. Extra fine strain.................Per 500 seeds, 75c; pkt. 15c

# CELOSIA CHILDSI, Chinese Wool Flower (Annual)

1772 This unique type of Celosia Plamosta forms—instead of pyramidal panicles of bloom—large globular heads like balls of wool chenille, and of rich bright red color. The plants, 2 to 3 feet in height, branch freely, each branch terminating with a flower-head. It continues in flower from early summer until frost, and is very effective for gardens, either massed or grown as individuals.

Per 500 seeds, 50c; pkt. 15c

#### CELOSIA CRISTATA or Crested Cockscomb (Annual)

Very popular annuals of easy culture, producing large, ornamental, comblike heads resembling ruffled chenille; they are prized for summer flower beds, and make fine pot plants; height, 12 to 18 inches.

1776 Cardinal. Bright S	Scarlet	 	Pkt. 10c
1778 Crimson King, B	lond-red	 	Pkt. 10c
1782 Prince of Orange.			
1786 Claret-rose		 	Pkt. 10c
1700 Mins J C-lane			Dirt 10c

# CELOSIA PLUMOSA or Plumed Cockscomb (Annual)

A superior type of Celosic Plumosa, forming pyramidal branching plants, 3½ feet high, and bearing large, conical, pluming heads. The plants are annuals, growing easily and quickly from seed, and present a showy appearance in the summer garden, lasting in bloom until frost. They are also very handsome grown in pots.

1794 Crimson PlumedPkt	. 10c
1796 Golden PlumedPkt	
1800 Mixed Plumed. (Thompson's Magnifica)Pkt	. 10c
1810 Dwarf Plumed. The plants attain a height of 1 foot, including their plumes. Pkt	15c

### CENTAUREA Cyanus (Annual)

### Bachelor's Button, Ragged Sailor or Cornflower

(Shown in Colors on Page 92.)

Well-known and a great favorite with most flower lovers. The but the flowers charm everyone by their simplicity and beauty. The plant itself is not imposing, 1824 Double Carmine..... ..... Per ½ oz. 30c; pkt. 10c 1827 Double Rose. An exceptionally fine strain of deep rose pink.... Per 1/2 oz. 30c; pkt. 10c 

1812 Americana Hallii. Bushy annual, 30 inches high; large flowers 6 inches across, lavender-blue; fragrant...

# CENTAUREA, White-Leaved (Dusty Miller) (Perennial)

Extensively used for ribbon beds, edgings, etc.; the foliage is silver-gray.

1832 Candidissima. Compact plants, silvery leaves; 1 foot...Per 500 seeds, 75c.; Pkt. 10c

1834 Gymnocarpa. Graceful arching silver-gray leaves; 1½ feet. Per 500 seeds, 50c.; Pkt. 10c

# CENTAUREA IMPERIALIS (Annual) or Imperial Sweet Sultan

These beautiful giant-flowering "Sultans" produce long-stemmed, exquisitely fringed blossoms 3 to 4 inches across, of graceful effect, and are delightfully fragrant. The colors vary, some having centers of a different color, as violet with white center, etc. The plants are of the easiest culture, flowering freely in the garden the first summer from seed sown in the spring. They are of strong, bushy form, 2 to 3 feet high. (See illustration.)

1838 Chameleon. Bright yellow flowers	Per 500 seeds, 25c.; Pkt. 10c
1842 Favorita. Brilliant, rose-colored flowers	Per 500 seeds, 25c.; Pkt. 10c
1844 Graziosa. Deep lilac	Per 500 seeds, 25c.; Pkt. 10c
1846 Margaritae. Satiny-white flowers	Per 500 seeds, 25c.; Pkt. 10c
1848 Splendens. Rich, dark purple	Per 500 seeds, 25c.; Pkt. 10c
1850 Mixed Colors	Per 500 seeds, 25c.; Pkt. 10c

1851 Collection of the above 5 separate varieties	Pkt. 40c.
1031 Confection of the above 5 separate varieties	Z Rt. ZOC.

# CERASTIUM (Snow in Summer) (Perennial)

1858 Tomentosum. A procumbent hardy perennial, having white foliage and a profusion of small white flowers. Very pretty as an edging plant......Pkt. 15c

# CHEIRANTHUS ALLIONI or Siberian Wallflower (Perennial)

1860 A fine variety of hardy perennial Wallflower having bright orange-colored flowers, with dark green foliage; a splendid plant for rock gardens. (See illustration.).........Pkt. 15c

# CHRYSANTHEMUM (Annual)

These improved varieties form bushy, compact, oval plants about 18 inches high, are of easy cultivation, and flower most abundantly during the summer; very showy garden annuals and fine for cutting as the stems are stiff and long and they keep fresh for a long time in water. (See illustration.)

# Double-Flowering Varieties

1862 Golden Queen. Double goldenPkt. 10c
1864 Inodorum Snowball. A great advance in this useful type; large, densely double flowers
of purest white, borne freely; fern-like foliage, fine cut flower
1866 White Pearl. Double white flowers
1870 Mixed Double Annual VarietiesPkt. 5c
1880 Lorenz's Double Fringed, Mixed

#### Single-Flowering Varieties

1882 Evening Star. Sheeted with large, single, golden-	yellow flowersPkt. 10c
1884 Morning Star. Large, cream-yellow flowers, prof	fuse
1886 North Star. Single giant flowers of white, with against the bold black disk	soft yellow zone contrasting effectivelyPkt. 10c

1888 Nivellii. This new annual Marguerite Chrysanthemum Nivellii produces shrubby plants 2¼ feet high covered with pure yellow flowers, each 3 to 4 inches in diameter. If sown in the open during April and May it produces a large number of long stalked flowers highly adapted for cutting in July and August. Pkt. 25c
1890 Mixed Single Annual Varieties. Pkt. 5c

# CHRYSANTHEMUM, Single Hardy (Perennial)

1896 Shasta Daisy. This great white California Daisy—a creation of Mr. Luther Burbank's—produces, when well-grown, magnificent pure white flowers 4 inches or more across, on stems 1½ to 2 feet in length.

The plants, 2 to 2½ feet in height are hardy perennials and flowers in profusion produces.

# CINERARIA HYBRIDA (Perennial)

Magnificent plants for spring decoration in the conservatory or window garden. The flowers
cover the plant with a sheet of bloom. Colors: White, blue, violet and crimson shades.
1920 Large-flowering. Choicest Mixed
1925 Matador. A large flower of brilliant scarlet red
1930 Miniature Hybrids. (Cineraria Hybrida Nana.) A pretty, tiny race. The plants













# CLARKIA ELEGANS or Rocky Mountain Garland (Annual)

The plants send up a mass of slender upright branches that reach a height of about two feet. Each branch is covered for almost its entire length with buds and flowers. The buds, long and gracefully poised, resemble those of the Fuchsia. The flowers are double, and their daintiness of form and delicacy of color, remind one of a garland of almond blossoms.

For the table decorations, few flowers are more satisfactory. If the sprays are cut before all the buds have opened, they will last for a long time, or until all the buds have developed into bloom.

Being a hardy annual, the Clarkia is easily grown. It will do well in any light garden soil. (See illustration.)

(Con many array)	
1942 Chamois Queen. Rosy-chamois double flowers	
1944 Queen Mary. Lovely, rose-carmine flowers; very double	10°
1946 Scarlet Queen. Double rose-orange flowers developing to intense orange- scarlet	
scarlet Pkt.	10g
1947 Purple King. Rich ruby-purple; double flowers	100
1948 Vesuvius. Double flowers of intense orange-rose	100
1949 White Queen. Beautiful pure white; flowers very double	
1950 Double Mixed. Including many sorts	10c

1951 Special Offer. One packet each of the six named varieties ..........50c

# CLEMATIS (Perennial)

# CLEOME ("Spider Flower") (Annual)

# COBAEA SCANDENS or Cathedral Bells (Annual)

Elegant, rapid-growing climbers, attaining a height of 20 to 30 feet. Particularly desirable for covering arbors, walls, etc. Can be grown in the conservatory in winter. Flowers large and bell-shaped.

# COLEUS (Perennial)

Plants with richly colored foliage of maroon, green, crimson, yellow, etc. For groups on lawns and ribboning, they are indispensable, and also valuable for pot culture. Although tender perennials, they attain perfection the first season from seed sown indoors; 1 to 3 feet.

Pkt. 15c

Pkt. 25c 1970 Choice Mixed
1972 Large-leaved Fringed Mixture.....

# CONVOLVULUS or Morning Glory (Annual)

1984 Convolvulus Minor or "Bush" Morning Glory. These dwarf-growing Morning Glories are very desirable for beds or borders, as they form plants 1½ to 2 feet in diameter, and about 1 foot high. The flowers are borne in great profusion and resemble very closely those of the tall morning glories but they remain open practically all day, excepting in rainy weather. The mixture we offer includes "many self colors," as well as striped and flaked varieties. Mixed Colors. Oz. 25c; pkt. 5c

1990 Convolvulus Major Climbing Morning Glory. These beautiful annual climbers are of easy culture and produce freely all summer long large funnel-formed flowers of lovely combination of coloring. Seed may be sown in the open ground. Height, 15 to 20 feet. Mixed Colors. Oz. 25c; pkt. 5c

Mixed Colors.....

# COREOPSIS (Perennial)

These long-lasting flowers are simply perfect, measuring 3 inches and over in diameter, and are borne on stalks 15 to 18 inches in length.

1992 El Dorado. Color, brilliant golden-yellow. This variety, although a hardy perennial, will flower the same season from seed sown early; compact, bushy plants, about 2 feet high, blooming abundantly during the summer and fall. Pkt. 10c

1993 New Double. This semi-double form of this hardy perennial is proving to be very popular and valuable for cutting and for the hardy border: color bright yellow. (See illustration.).

popular and valuable for cutting and for the hardy border: color bright yellow. (See illustration.)

Pkt. 15c
1994 Harvest Moon. One of the finest hardy garden plants grown. It flowers the first season from seed sown early. Harvest Moon is an improved variety of the lanceolate grande flora type, producing immense, long stemmad rich yellow flowers, shaded with orange, and flowering in profusion during the summer; unequalled for cutting; grows anywhere. (See illustration.)

Per 500 seeds, 50c; pkt. 10c.
1995 Mayfield Giant. This very fine perennial, of Australian origin, is a considerable advance on any strain yet introduced of this highly ornamental and very useful flower. It produces a taller and more vigorous plant than the type, with longer and firmer stems and larger individual blooms, of which the ray petals are broader and form a more perfect flower. The color is intense yellow. Both for the border and for cutting we can strongly recommend this excellent new strain.

Pkt. 25c

# CORN (Burbank's Rainbow) (Annual)

1996 A highly decorative type of Corn. It is an annual, grows about 5 feet high and suckers out, forming good-sized clumps. The foliage is striped with rose, purple, green and cream color, exceedingly effective in the mixed flower border. Per ½ oz. 25c; pkt. (25 seeds), 10c

# COSMIDIUM (Annual)

1998 Orange Crown. Handsome annual, forming many-branched bushes 1½ to 2 feet in height. The flower heads are golden-yellow, with a circle of rich orange around the disc. It blooms throughout the summer.....





SEE DESCRIPTION ON OPPOSITE PAGE

# DELPHINIUM or Hardy Larkspur (Perennial)

(Shown in Colors on this page.

These varieties are indispensable in the hardy border. immense flower-stalks are garnished to the tip with large blossoms, showing wonderful combinations of color, and they all flower about the same time. (See illustration.)

- 2084 **Delphinium Sinensis, Blue Butterfly.** A beautiful blue variety of compact growth. This is a perennial but blooms the first year if seed is sown early. Height 18 inches
- 2085 Hybridum Belladonna Fanny Stormonth. A greatly improved variety of the "Belladonna" Larkspur; it retains the early blooming habit and the light, azure blue color but the flowers are much larger, and the stems are from 5 to 7 feet high; the upper 2 to 3 feet form a huge branching raceme of fine, well-placed flowers......Pkt. 25c
- 2087 **Formosum.** This popular variety produces long, spurshaped flowers, on loose spikes about a foot long. The color is deep blue with a white center. The branching plants grow from 2 to 3 feet high. Excellent for the perennial border and fine for cutting.

  Per 1,000 seeds, 75c; Pkt. 15c

2088 Lemon Gem (Delphinium nudicale). A very hardy dwarfgrowing type of the perennial larkspur. The plant grows from 1 to  $1\frac{1}{2}$  feet high, and it bears spikes of clear yellow flowers. This is by far the best yellow introduced. Pkt. 35c

2090 Giant and Double Superb Hybrids. A splendid race of these popular hardy, garden plants. The blossoms are of immense size, single and double, borne on towering spikes for from 2 to 5 feet of their length. The colors are white, lavender, blue, azure, indigo and purple, several shades being blended in some of the varieties. The plants grow from 6 to 10 feet in height from 6 to 10 feet in height.

# New Double Flowering Delphinium Or Hardy Larkspur

These are of striking beauty and are becoming more popular every year. They bloom during the early summer months. 2091 Admiral Cardigan. Brilliant blue marbled rose Pkt. 25c

2092 Amos Perry. Rosy mauve flushed sky blue...Pkt. 25c 2093 Blue Mist. Pale blue and lavender, white eye...Pkt. 25c 2094 Capt. Lambton. Rich plum color, edged violet.Pkt. 25c 2095 Coronation. Rich purpue and deep blue.....Pkt. 25c 2096 Summer Sky. Light sky blue with white eye...Pkt. 25c

### 2097 Collection of above six named varieties.....\$1.00

2100 Single, Fine Mixed Colors. Per 1,000 seeds, 50c; Pkt. 10c 2102 Wrexham Hybrids. These are the greatest advance in Delphiniums. Their graceful spire-shaped spikes are rapidly bringing them to the front as the most popular flower for cutting or the garden. The mixture contains all the colors in Delphiniums......Per 1,000 seeds, \$1.00; Pkt. 25c

### The Colored Plate on Opposite Page

# CALENDULA New (Annual)

1588 Campfire. A new type evolved from Orange King. The plant is of very vigorous growth, producing flat blooms larger than any other variety.....Pkt. 15c

# CENTAUREA CYANUS (Annual) "Bachelor's Button," "Corn Flower," or "Ragged Sailor"

Well known and a great favorite with flower lovers, charming everybody by their simplicity and beauty.

1824 Double Carmine
1825 Double Blue
1829 Double White

1826 Double Mauve 1827 Double Rose

1830 Double Mixed

Price of any of above varieites....½ oz. 30c; Pkt. 10c (See complete description on page 88.)

(See complete description on page 60.)

COSMOS Double Crested New (Annual)

A flower of rare grace and beauty, reminding one of a small Japanese peony. This new Cosmos is early flowering in habit and blooms from July until frost.

2019 New Early Flowering, Double Crested Mixed Per 500 seeds, \$1.00; Pkt. 25c

COSMOS Midsummer, Large (Annual)
This strain begins blooming in June, increasing gradually

until July and from that time until frost the plants are a mass of flowers. The flowers average 3 inches across; the plants are more dwarf than the late-flowering Cosmos, bushes only 4 feet high.

 Dushes only 4 reet nigh.
 Per 500 seeds, 50c; Pkt. 10c

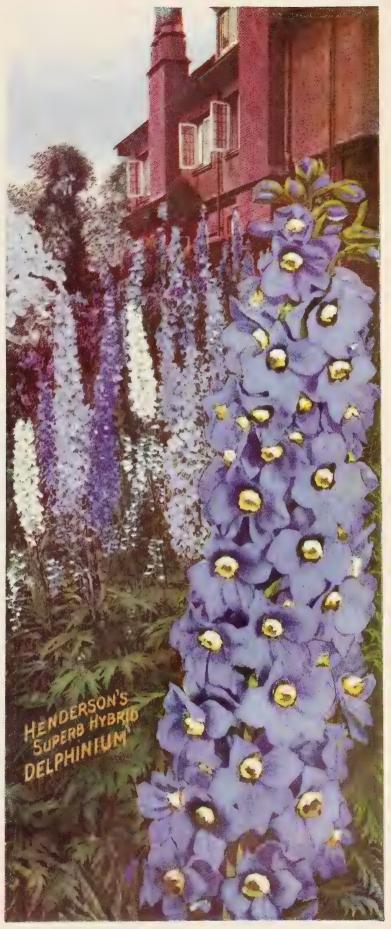
 2002 Crimson
 Per 500 seeds, 50c; Pkt. 10c

 2006 Rose
 Per 500 seeds, 50c; Pkt. 10c

 2008 White
 Per 500 seeds, 50c; Pkt. 10c

 2010 Mixed
 Per 500 seeds, 50c; Pkt. 10c

(For complete description, see page 95.)



# COSMOS, MIDSUMMER Large Early Flowering (Annual)

This early-flowering strain begins blooming scatteringly in June, the quality increasing gradually until July, and from that time until frost the plants are a mass of flowers. The flowers average 3 inches across; the plants are more dwarf than the late-flowering Cosmos, forming compact bushes only 4 feet high. (See Color Plate, Page 92.)

2002 Crimson. Per 500 seeds, 50c; Pkt. 10c 2006 Rose.... Per 500 seeds, 50c; Pkt. 10c 2006 Mixed.... Per 500 seeds, 50c; Pkt. 10c

#### COSMOS, NEW CRESTED (Annual)

The New Crested Cosmos is a distinct type, having double centers, with a row of guard petals around the base. It is a highly decorative garden and cut flower.

2011 Crested Crimson King. Rich brilliant crimson. Pkt. 15c
2012 Crested Pink Beauty. A soft and pleasing shade of pink. Pkt. 15c
2013 Crested White Queen. Pure glistening white. Pkt. 15c
2015 Crested Mixed Colors. Pkt. 15c

# COSMOS, HOLLYWOOD STAR

COSMOS, DOUBLE CRESTED (Annual) (See Colored Plate Page 92 and 93.)

2019 New Early Flowering, Double Crested, Mixed ...........Per 500 seeds, \$1.00; Pkt. 25c

# COSMOS, GIANT

The plants, 5 to 6 feet high, are of symmetrical, pyramidal form.

2020 Giant-flowering. Mixed colors. Per 500 seeds, 40c; Pkt. 5c

2022 Giant Crimson Per 500 seeds, 50c; Pkt. 10c

2026 Lady Lenox, Pink. Lovely shell-pink. Per 500 seeds, 50c; Pkt. 10c

2028 Lady Lenox, White. A fine pure white selection from the above

Per 500 seeds, 50c; Pkt. 10c

COWSLIP (Perennial)

### CYCLAMEN, GIANT PERSIAN (Perennial)

The seed is generally sown in greenhouse or conservatory in April or September and flowers

The seed is generally sown in greenhouse or conservatory in April or September and flowers in from 15 to 18 months.

2034 Butterfly, Papilio or Victoria. Very large flowers with fringed and fluted petals, the edges being colored differently, as white with red or purple edge, red with scarlet edge, crimson with garnet or violet edge, etc. Pkt. 50c

2039 "Mrs. Buckstone." Flowers average 2½ inches across. The petals are beautifully crimped, the coloring is a lovely salmon. Pkt. 50c

2042 Pink Pearl. A new giant-flowering variety. Color an exquisite shade or soft salmon. Especially beautiful under artificial light. Pkt. 50c

2043 Salmon King. Immense, perfectly formed flowers of clear pink with a lustre of salmon. Very free bloomer. Pkt. 50c

2044 Vulcan. A grand giant-flowering variety of deepest blood-red. Pkt. 50c

2045 White Swan. A pure snow-white giant-flowering variety, very profuse. The blossoms are borne on long, stiff stems. Pkt. 50c

2050 Henderson's Giant Persian. A superior strain with flowers of largest size, displayed well above the handsome foliage; the colors include rose-crimson, pink, white, dark blood red, spotted eyed, etc. Mixed Colors. Pkt. 25c

2060 Mixed Colors. 2056 Scarlet 2058 White. Pkt. 5c

# The Colored Plate Opposite HELICHRYSUM, Everlasting or Strawflower (Annual)

They are showy, garden annuals of very free growth, producing flowers abundantly during the summer. Height 2 to 3 feet. The dried flowers are much in demand for decorative purposes, or for making up ornamental baskets.

2374 Atropurpurea. Purple, No. 2
Pkt. 10c 2376 Bronze. Golden Bronze, No. 1
Pkt. 10c
Pkt. 10c 2382 Fireball. Scarlet...... Pkt. 10c 2383 Golden Ball. Rich Yellow, No. 5 Pkt. 10c

2385 Salmon Queen. Salmon-pink
Pkt. 10c
2386 Silver Ball. White, No. 8. Pkt. 10c
2388 Violet Queen. Violet.... Pkt. 10c
2390 Mixed Colors.
Per 1,000 seeds, 25c; pkt. 10c

2384 Rose Queen. Carmine-rose, No. 7 Pkt. 10c

2391 Collection of above 8 varieties, 1 pkt. each .................................60c

2385 Salmon Queen. Salmon-pink

### OTHER VARIETIES

Acroclinium. These flowers are much in demand for winter decorations. 1020 Mixed Colors. Rhodanthe. For dried winter bouquets, they are indispensable (see page 120.) 

HOLLYHOCK, Henderson's Everblooming (Annual)

Henderson's Everblooming flowers the first season from seed. Plants from early sown seed set out in May begin blooming in July and August. (See also page 100.)

2450 Mixture of doubles and semi-doubles, including all colors, shade and variegations. Per pkt. (about 50 seeds), 15c. Per, 500 seeds, 50c







Cardinal Climber







### DAHLIAS from Seeds (Annual)

Beautiful Dahlias may be grown and flowered in late summer and autumn from spring-sown seed if the seed is sown indoors or in a hotbed in February or March and the young plants transplanted to the open ground after danger from frost.

- 2065 Cactus-flowered, Double, Mixed Colors. Saved from choicest Cactus-flowered varieties
- 2072 Collarette, Mixed Colors. Flowers of various colors, adorned with a collar of small petals around the center, novel and beautiful. Pkt. 25c
- 2074 Colossal. A French race producing vari-colored flowers that attains the extraordinary dimensions of 8 inches in diameter. They are composed of three or more whorls of wide overlapping petals. Pkt. 25c
- 2080 Single Giant Perfection, Mixed. Immense single flowers of various colors, including many beautifully striped and spotted sorts. Pkt. 15c

# DELPHINIUM or Hardy Larkspur (Perennial)

(See Colored Plate and Description, page 93)

# DIANTHUS or "China Pinks" (Annual) Double-Flowering Varieties

- 2110 Crown of Perfection. Most beautiful and satisfactory summer-flowering annual. The plants are bushy, of symmetrical form; 1 foot high. The flowers average 2 inches across; are densely double and produced during the whole summer and autumn in great numbers. The colors range from purest white to red shades, soft pinks and flesh tints, mingling in exquisite contrast. (See illustration.) Double Mixed Colors. Per 1,000 seeds, 50c; pkt. 10c
- 2114 Fireball. Large, double, brilliant red . . . . Pkt. 10c 2118 Double Striped and Fringed. Mixed. (Laciniatus, fl. pl.) Large double-fringed flowers of various colors and markings...... Pkt. 5c
- 2122 Salmon Queen. Beautiful rosy-salmon, fine, large, double. Pkt. 100
- 2124 Snowdrift. Very large and double, white...
  - 2131 Imported Collection of Double Annual Dianthus; 6 varieties. . 50c 2132 Imported Collection of Double Annual Dianthus; 12 varieties. . 75c

#### SINGLE FLOWERING VARIETIES (Annual)

2134 Giant "Ruffled and Frilled." A superior strain of the Single Heddewigii Annual or China Pinks. The flowers are 3 to 4 inches across. The petals are ruffled, frilled and fringed, lending grace and beauty to the gorgeous blossoms which range from dark blood-red to glowing crimson. carmine-rose, salmon-pink, and white, some of the flowers are mottled and blended with two or more shades. The plants are about 1 foot high, and flower abundantly through summer and fall.

Per 1,000 seeds, 50c; pkt. 10c

"The Dahlia seeds I ordered from you last year produced choice blooms measuring 6 and 7 inches across and very double."

Mrs. E. P. Paterson, Loveland, Colo.

"From a packet of Dahlia seed I raised plants that yielded great massive beauties from August onwards.

Mrs. M. A. Griffiths, Cutknife, Sask.

# DIANTHUS Allwoodii

This variety is a cross between the famous Allwoodii Pinks and the Dianthus Alpinus and it possesses the charming range of colors of the former and the hardiness of the latter. The colors run through all the shades of pink, red and purple, also white. Most of the flowers are single, although occasionally semi-double. The plants grow six inches high and are attractive even when not in bloom on account of their graceful silvery foliage.

2139 Alpinus. Mixed Colors... Pkt. 50c

2141 SWEET WIVELSFIELD. This remarkable hardy-biennial hybrid is quite distinct in method of flowering and habit of growth from the Annual Sweet William. It has a great variety of color and a very long season of bloom. Sown indoors in February and March and planted in the open ground in May, it will bloom from June to November, or it can be sown in July in the open ground to flower the following wear Mixed Colors. Pkt. 25c ber, or it can be sown in July in the open ground to flyear. Mixed Colors.....

# DIANTHUS Hardy Grass or Spice Pinks (Perennial)

2145 Dwarf, Large, Double-flowering Grass or Spice Pinks. (Dianthus Plumarius nanus, fl. pl.) These are great improvements over the old-fashioned sorts. The flowers are large and have a variety of colors fashioned sorts. 

# DIDISCUS COERULEUS Blue Lace Flower (Annual)

2155 Blue Lace Flower is extensively grown by cut flower growers in the vicinity of New York to supply the fashionable Fifth Avenue trade. The plants grow about 2 feet high, producing lovely, umbel-shaped flowers, are composed of a great number of small florets, range from 2 to 3 inches across. The color is the most beautiful imaginable, a clear coerulean or heavenly blue—a rare and beautiful shade.

It is of easiest culture. Seed sown outdoors after danger from frost will produce plants which should bloom continuously from July to October. It may be grown in the green house or conservatory for winter blooming. It is also desirable as a pot plant.....Pkt. 10c



# DIGITALIS or Foxglove (Gloxinia-Flowered) (Perennial)

These improved Foxgloves are very showy, hardy perennial plants; they are easy to grow and produce freely spikes 4 to 5 feet high, well furnished with large, Gloxinia-like flowers of various colors, including white, cream, rose, red and other shades, all of which have beautiful throat markings, spots and blotches of purple, marcoon, etc. While hardy perennials, they require protection during the winter months. (See illustration.)

2162 Purple, spotted

Pkt. 106

2163 Rose, spotted
2164 White, spotted
2164 White, spotted
2165 Grandiflora, Yellow. Charming flowers of soft chrome-yellow. Pkt. 10c
2166 Grandiflora, Yellow. Charming flowers of soft chrome-yellow. Per 1,000 seeds, 35c; Pkt. 10c
2170 Mixed Colors. (Gloxinoides). Per 1,000 seeds, 35c; Pkt. 10c
2180 Monstrosa. A very unique and beautiful type, producing long spikes of large flowers of various colors, many of which are beautifully spotted, etc., but the striking feature of this strain is the enormous bell shaped blossom that tops each spike of flowers. Mixed
Colors. Per 1,000 seeds, 50c; Pkt. 15c

### DIMORPHOTHECA or African Daisy (Annual)

2185 Golden African (D. Aurantiaca,). An extremely showy annual of neat branching habit; grows about 12 inches high. The single daisy-like blossoms, 2 ½ inches in diameter, are brilliant orange, with a dark-colored disk, zoned black; well adapted for groups or borders; it stands the heat finely and produces its pretty flowers very early in sunny situations and will continue to flower during the summer. (See illustration.)

Per 500 seeds, 35c; Pkt. 10c
2186 Hybrid African Daisies. In growth and flower these new hybrids are like the parent, but they vary in color from white to red and tints of sulphur lemon and golden-yellow, orange, reddish-yellow salmon shades; many are marked with different colored zones.

Per 500 seeds, 40c; Pkt. 10c
2187 White Beauty. A very attractive and easily-grown annual of compact habit, growing about 8 or 10 inches. The flowers of a pure glistening white with blue zone are very attractive. The plant is very free-flowering and deserves a place in every garden. Pkt. 15c

# DOLICHOS or Hyacinth Bean (Annual)

Annual climbers of rapid growth, 10 feet high, with Wistaria-like clusters of flowers, followed

by bronzy-purple seed pods.
2192 Japanese Giant Crimson. Blush, deepening with age to dark red......Pkt. 10c
2193 Japanese Giant White. Long spikes of clear white flowers.......Pkt. 10c

# ERIGERON Midsummer Daisy (Perennial)

# ESCHSCHOLTZIA BUSH (Annual)

2212 A sturdy annual. Grows into a bush 2 feet high. Large cup-shaped flowers, 3 inches across, on long stems; the color is bright yellow, petals broad and crinkled, like crushed satin. The cut flowers keep a long time in water.....Per 1,000 seeds, 30c; Pkt. 10c

ESCHSCHOLTZIA California Poppy (Annual)

A very beautiful and popular annual of the easiest culture. From spring-sown seed they flower profusely until late in the autumn, making them invaluable for bedding. The plants are dwarf-branching in habit.

2214 Crimson King. The best of the red-flowering varieties. Bright crimson, interior satiny carmine. Pkt. 10c

2216 Dainty Queen. Flowers creamy blush tinted coral-pink, deepening in shade toward the edges. Pkt. 10c

Pkt. 10c

Pkt. 10c

Pkt. 10c

2216 Dainty Queen. Flowers creamy blush tinted corat-pink, deepening in shade toward the edges

2220 California, Double Mixed. White, yellow and orange Pkt. 10c

2222 Golden West. Flowers of immense size. The colors are intense and shining yellows, some with orange blotches. Per 1,000 seeds, 25c; Pkt. 10c

2224 Erects Compacta Mandarin. The plants, of upright compact, bushy form, produce freely large flowers of rich, deep, orange color, shaded crimson Pkt. 10c

2226 Mixado. Large flowers of lustrous orange-crimson Pkt. 10c

2228 Toreador Double. This beautiful plant will delight everybody with its delicate grayish-green foliage and large double flowers. The center of the flower is golden bronze, and the reverse orange crimson. The plants grow about 1 foot high Pkt. 15c

2230 California, Single, Mixed. Orange, white, yellow, etc. Per ½ 0z.25c; Pkt. 5c

2323 New Hybrid. The plant of this new type is very erect and bears extra large flowers of tints and shades never before seen in Eschscholtzias. They include soft pink, scarlet, chrome yellow, coppery red, shades of claret, and royal purple, and extra rich shades of crimson, pink and orange scarlet. Mixed colors. Per 1,000 seeds, 50c; Pkt. 15c

# EUPHORBIA (Annual)

Marginata or "Snow on the Mountain." These native garden plants are popular because they will grow in the poorest soils, if in a sunny location. The leaves of light green are broadly margined with white. The plant is of branching habit about two feet high

high Pkt. 10c

Heterophylla or Annual Poinsettia. An annual resembling the hothouse
poinsettias growing 2 to 3 feet high. The leaves are glossy green turning to scarlet in
midsummer. Pkt. 15c 2237 Heterophylla

#### FELICIA BERGERIANA (King Fisher Daisy) (Annual)

# GAILLARDIA or Hardy Blanket Flower (Perennial)

These are hardy perennials, compact in growth, and produce a succession of flowers summer and fall. The flowers are often 3 to 4 inches across. The colors include such combinations as carlet with gold edge, blood-red with yellow edge, yellow with orange disk, golden with scarlet border, pure yellow, fiery crimson, and many others.

2250 Giant Hardy Hybrid, Mixed Colors. Per 500 seeds, 50c; Pkt. 10c

2252 Grandiflora Portola Hybrids. This superb new strain of hardy Gaillardia bears flowers of very large size, the color ranging through shades of bronze red with the characteristic golden tipped petalage; plant of robust vigor. A splendid cut flower, also fine for perennial borders













"An encyclopedia of flower culture boiled down to vest-pocket size," is how one of our cus-tomers describes our booklet, "Henderson's Flowers for American Gardens," sent free on request.

# GAILLARDIA (Annual)

Very showy garden annuals, 1 to 2 feet high. Grown in masses they are especially effective; large flowers, 2 to 3 inches across produced from early summer until frost, unrivaled for cutting. (See illustration.)

- 2255 Lorenziana, or Double-flowering. Large round heads composed of numerous fibrets
- of crimson garnet, lemon orange, etc. Ptt. 10c

  2257 Picta Lorenziana Isabellina. This new double Gaillardia is recommended for planting in beds and borders. The Isabell-color (yellow-pink) is still rare among flowers and makes a good effect wherever shown. Ptt. 25c

### GERBERA or Transvaal Daisy (Perennial)

Has attained great popularity with the introduction of an improved large-flowering scarlet type and the new various-colored hybrids. They are half hardy perennials, usually grown as greenhouse or window plants where they flower continuously. The Daisy-like biossoms, 3 to 4 inches across, being borne on 12 to 18-inch stems, are unsurpassed as cut flowers, being of splendid lasting substance. For garden culture in cold climates the plants are wintered over in cold frames like Pansies, etc., but they are usually grown as greenhouse plants. (See illustration) illustration.)

- 2265 Giant Scarlet. Flowers 3 to 4 inches across, on 2 to 3-foot stems; color intense scarlet
- 2270 Adnet's New Hybrids. A French strain that has created a furore in the European floral world. The colors are of incomparable delicacy and richness, in which an infinity of tints, from pure white through yellow, orange, salmon, rose, cerise and ruby-red to violet are represented. Sometimes the coloring of the disk differs from that of the rays.

Cultural Directions.—Seed is sown in slight heat such as a sunny window, hat bed greenhouse in a sandy peat soil with drainage. The fuzzy pointed and of the seed should be just peeping above the soil. Seed usually germinates in 3 to 4 weeks, and in about 6 weeks time the seedlings are ready to transplant in pots. Re-pot in larger pots as the plants grow. A temperature of 70 degrees seems best for them. Flowers begin to appear in 6 to 9 months from seed sowing and continue for years.

# GERANIUM—Giant Flowering Hybrid (Tender Perennial)

The flowers are of the most perfect form, borne in splendid trusses, forming balls 14 inches in circumference. The colors include shades of scarlet and crimson, rose, pink, salmon, creamveined pink, blush, snowy-white and all of the new auriole types. These stand the hot sun and, although perennials, they will flower the same season, if the seed is sown indoors early in the spring; 12 to 18 inches high. (See illustration.)

2285 Single Giant-flowering Hybrids, Mixed Colors......Pkt. 25c

# GEUM (Perennial)

They are particularly valuable for the herhaceous border, because if the old stems are kept cut back they will remain in bloom over a much longer period than other hardy plants. Geums are hardy perennials producing dwarf tufted plants from which rise graceful stems, two feet high, bearing beautiful double flowers which are borne freely throughout the entire summer. They are also valuable for cut flowers. (See illustration.)

- 2286 Lady Stratheden. Fine double yellow flowers.....

# GLOBE AMARANTH or Bachelor's Button (Annual)

2290 Bushy plants about 2 feet high. The flowers are useful for dried winter bouquets. If cut before they are fully ripe and allowed to dry in a dark, airy room, they will retain their color the whole winter season. Mixed Colors........ Per 500 seeds, 25c; Pkt. 10c

# GLOXINIA (Tender Perennial)

2300 Charming tender perennial pot plants for conservatory or greenhouse culture. They flower in great profusion, having gorgeous colors, many of which are magnificently spotted and mottled; 1 foot. Large-flowering, Mixed. From a choice selection. Pkt. 50c

#### GODETIA or Satin Flower (Annual)

. Pkt. 10c

2321 Imported Collection of Godetia,



# GOURDS, Ornamental (Annual)

Favorite annual climbers, of rapid growth, immune from insect pests. 20 to 30 feet.
2332 African Pipe Gourd. This produces the Ornamental Gourds from which are made
the African Calabash pipe
2334 Chinese Loofa. (Dishrag Gourd.) The fibrous interior can be used as a sponge Pkt. 10c
2335 Dipper-shapedPkt. 10c
2337 Hercules' Club. Green fruit, 2 to 5 feet long. Pkt. 10c
2338 Julius "Knob Kerrie." To the ball-like base, 4 inches in diameter, is attached stem,
2 feet long. Pkt. 10c
2342 Mock Orange. Golden orange
2344 Powder Horn. Green fruit
2346 Serpent. (Trichosanthes.) Long red fruit
2347 Spoon. Small, yellow with green
2348 Turk's Turban. Red, lower portion green, striped white
2349 Nest Egg. White egg-like fruits
2350 Mixed Ornamental Varieties Pkt. 5c
LUO MINUE VIENE MANUELLE MANUE

2351 Imported	Collection of	12 Ornamental	Gourds
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#### GRASSES,

# GYPSOPHILA, or "Baby's Breath" (Perennial)

- 2366 "Paris Market." (Annual) A pretty garden annual, and of great value for bouquets, vases, etc. This improved large-flowering variety of G. elegans forms branching plants about 2 feet high, fairly smothered all summer long with graceful clusters of snow-white flowers half an inch across. Per 1,000 seeds, 35c; Pkt. 10c

### HELENIUM, (Perennial)

- 2372 Riverton Gem. One of the finest late summer flowering perennials, the entire plant which grows about three feet high is covered with the golden orange flowers...Pkt. 25c

# HELICHRYSUM, "Everlasting or Strawflower" (Annual)

These improved double "varieties" produce much larger and more double flowers than the old varieties. They are showy garden annuals, of free growth, producing abundantly during the summer. However, they are chiefly prized for their availability for decorative purposes, during the winter months.

The dried flowers lend themselves admirably for table adornment in the home or in hotels or for making up ornamental baskets. In fact they may be used for almost any floral decoration. When wanted for this purpose the flowers should be cut when about half open, remove foliage, tie in bunches, hang flower heads down in a warm dark place until dry. 2 to 3 feet high. (See Colored Plate, Page 95.)

2374 Atropurpurea. Purple	Pkt. 10c
2376 Bronze. Golden Bronze.	Pkt. 10c
2382 Fireball. Scarlet	
2383 Golden Ball. Rich yellow	
2384 Rose Queen. Carmine-rose	
2385 Salmon Queen. Salmon-pink	
2386 Silver Ball. White	
2388 Violet Queen. Violet	
2390 Mixed Colors	Pkt. 10c

2391 Collection of above	8 varieties, 1 r	okt. each	
2391 Collection of above	8 varieties, l p	pkt. each	

#### STRAWFLOWERS (Annual)

the following varieties are also used for the same purpose as neithneysum.
3563 Rhodanthe Rose
(See Full Description, Page 120)
3565 " White
2290 Globe Amaranth. (For Description, See Page 98)
1020 Acroclinium. Double Mixed. (For Description, See Page 83)
1079 Ammobium Alatum. (For Description, See Page 84)

# HELIOPHILA Leptophylla (Annual)

2394 This is one of the new annuals from South Africa previously alluded to. It is a very charming little plant growing only about eighteen inches high and bears a pretty blue flower with a white eye. These are carried on long graceful sprays, and when planted next to the daisy-like Ursinia, or with the African daisy, the effect is marvelous and unique. It is a fine plant for borders, etc. Thin the seedlings out to nine inches apart. (See illustration).

Pkt 25c

### HELIOTROPE, Giant-Flowering (Annual)

The heads of bloom of this new type often measure six inches across. The plants, 18 inches high, are healthy, bushy and compact, the leaves are large and luxuriant. Seed sown in the spring produced full-grown, profuse-flowering plants by July, which flower in the garden until cut down by frost, or may be grown in pots for winter flowers. (See illustration.)

2396 Lemoine's Giant Blue.	Deep blue	 Pkt. 15c
2398 Lemoine's Giant White.	Pearly-white	 Pkt. 15c
2400 Lemoine's Giant Hybrid	l, Mixed Colors	 

#### HEUCHERA Sanguinea (Perennial)

2405 A beautiful hardy perennial growing about 18 inches tall, foliage dwarf and compact above which rises graceful flower spikes of coral red. A splendid plant for rock gardens and borders

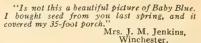














# HIBISCUS or Marsh Mallows (Perennial)

These are showy, hardy, perennial plants, forming bushes about 4 feet high, bearing immense bowl-like flowers, often 6 inches across.

2407 Giant Crimson. This variety has beautiful brilliant dark red flowers which measure about 6 inches in diameter and they are raised freely above the foliage. This 5 feet high perennial blooms the second year after seed sowing and forms beautiful, free flowering bushes; it requires a sunny protected position and good irrigation. During cold winters protection with suitable material is necessary. It surpasses all other varieties and it is therefore expecially recommended for high groups. (See illustration.) Pkt. 25c 

HOLLYHOCK, Hardy (Biennial)

2423 Double Canary-vellow Pkt 10c 2420 Double Pink

Grand summer and autumn flowering plants, bearing long spikes of double flowers, 3 to 4 inches across. They are old inhabitants of our gardens, but are now so improved in doubleness and enlarged in size, under our special culture and hybridization, as to be revelations of gorgeous beauty to those who have not seen these improved sorts. Hardy biennials—or short-lived perennials—5 to 8 feet high. The seed we offer has been saved from an unrivaled collection. (See illustration) nials—5 to 8 feet high. The collection. (See illustration.)

2424	Double Crimson Pkt, 10c	2432 Double PurplePkt, 10c
2426	Double Lavender Pkt. 10c	2435 Double WhitePkt. 10c
2427	Double Maroon Pkt. 10c	
2440	Extra Choice Double Mixed. F	
		Per 500 seeds, 50c; Pkt. 10c

IMPORTED COLLECTION of Doub	le Hardy Hollyhock Seeds.
1MPORTED COLLECTION of Double 2441 6 Separate Colors	50c 75c

2455 Single Flowering, Mixed Colors.. Per 500 seeds, 25c; Pkt, 5c 2460 Alleghany, Mixed Colors. Semi-double fringed flowers.
Per 500 seeds, 50c; Pkt. 10c

#### EVER-BLOOMING

# HOLLYHOCK, Henderson's (Annual)

(Shown in Colors on Page 94)

Every Garden May Now Be Glorified with Queenly Hollyhocks Grown as Easily and Flowering as Quickly From Seed as Any Garden Annual

The old favorite Hollyhock can seldom be flowered from seed before the second year, and the young plants frequently winter-kill. All of this bother is obviated in growing our annual Hollyhocks, for they flower the first season from seed.

season from seed.

The plants from early-sown seed set out in May commence blooming in July and August, and then flower profusely until frost.

The diversity of forms and colors among the flowers affords many delightful surprises. Some plants produce densely double flowers without guards, others with guard petals: there are semi-doubles with Anemone-flowered centers, some with smooth-edged petals, others flounced, fringed, etc., and all flowers are usually very large, some measuring four inches across. In colors there is also great variety, maroon, pink, crimson, canary-yellow, cerise, white, scarlet, apricot, wine-red, etc., etc.

2450 Henderson's Ever-Blooming Annual Hollyhocks. Grand Combination Mixture of doubles and semi-doubles.

Per pkt. (about 50 seeds), 15c; per 500 seeds, 50c.

# "Honesty" (Lunaria Biennis) (Biennial)

2468 Hardy biennial thriving almost anywhere; especially useful in shady, damp places; the flowers of purple, crimson or white are followed by silvery transparent seed pods; prized for winter bouquets; height, 2 feet. Mixed Colors. Pkt. 10c

# HUMULUS (Japan Hop) (Annual)

Rapid summer climber, attaining a height of 10 to 15 feet, resembling the common Hop, but, being an annual, attains full perfection the first season. The foliage is luxuriant, making dense covering. It is one of the best plants for covering verandas, trellis, etc. Heat, drought and insects do not trouble

it.
2472 Japonicus. Green foliage ... Pkt. 5c
2474 Japonicus Variegatus. (Silver Striped Japan Hop.) A beautiful
variety of the above. Green foliage blotched and striped white and
Pkt. 10c

# Impatiens Holstii Hybrids (Annual)

2480 Handsome plants from East Africa, also known as Sultan's Balsam, forming bushes 12 to 18 inches high. The flowers, 1½ to 1½ inches across, are of scarlet, orange-red, pink and white, with a red eye. The plants grow luxuriantly out of doors and make unusually showy flower-beds. If grown in pots they are equally effective. Mixed Colors.

Pkt. 25c

#### INCARVILLEA (Perennial)

2488 Delavayi.

Variabilis Hybrids. (Chinese Gloxinia.) Of recent introduction, having beautiful tubular shaped Begonia-like flowers of pink, salmon and yellow, a fine plant for beds and borders. Although a hardy perennial, it blooms the first season from spring-sown seed. Fine forgreenhouse decoration or for borders. (See illustration.) Mixed Colors. Pkt. 25c

### IPOMOEA Baby Blue (Annual)

2496 This is the most lovely light blue Ipomoea we have ever seen. The vines grow luxuriantly about 15 feet high, well clothed with large durable leaves and commencing in July—from March-sown seeds—the plants sheeted until frost with white-throated light coerulean-blue flowers—about 2½ inches across and of such substance that they often remain open all day. (See illustration.) Per 100 seeds, 50c...Pkt. 15c



#### IPOMOEA (Annual)

2500 MOONFLOWER Giant White. Grown in a warm sunny location, and given sufficient water while making growth, the vine will attain a height of from 30 to 40 feet during the summer season. It will be covered with large heart-shaped leaves, and studded from July until frost with immense saucer-shaped flowers, glistening like white satin. They are also subtly fragrant. The flowers open about sunset and close the next morning, though on cloudy days they remain open until noon.....Per 100 seeds, 50c; Pkt. 10c

#### KENILWORTH IVY (Perennial)

#### KOCHIA Tricophylla (Annual)

#### Mexican Fire Plant or Summer Cypress

2542 A popular annual, sometimes known as Belvidere, Mock Cypress, etc. It is easily grown from seed, forming oval bushes 2 to 2½ feet high, densely clothed with small, feathery, light-green foliage, deepening in color as the summer advances until the whole plant assumes a fiery crimson hue. (See illustration.).......Per 1,000 seeds, 25c; Pkt. 10c

#### KUDZU VINE (Perennial)

#### LANTANA (Perennial)

#### LARKSPUR Henderson's Annual Tall Branching (Annual)

(Consolida Candelabra fl. pl.)

This splendid class grows 2 to 3 feet high and bears flowers on long stems, rendering them of exceptional value for cutting purposes. The spikes of flowers are of varied shades of red, blue, white, etc. They are of easy culture, thriving in almost any soil—keeping up a bright display until cut down by frost.

2572 Carmine Pkt 1	100 2577	RosePkt, 10c
2577 Danie Diana Dia 1	10. 2570	White Pkt. 10c
2313 Dark Diue	100 23/9	White PKt. 100
OFTA T. T. DI	0 0500	TE 10 1 D 4 000 1 105 DI 40.
25/4 Light Blue Pkt. 1	10c 2580	Mixed Colors Per 1,000 seeds, 25c; Pkt. 10c

2581 Imported Collection of Branching Larkspur, 6 varieties...

#### LARKSPUR Branching Giant Spire (Annual)

(See Colored Plate, Page 104.)

In recent years the hybridizers have been busy with them, and have great improvements on the older sorts. The size of both spike and flower has been increased and shades of color produced not known before. Besides this, the branching habit of the plant has been intensified and a great many more laterals are thrown out from the crown stems.

They are of easy culture and thrive best in a sunny location and are equally good for cutting or garden decoration.

2302 La France. The nowers are of a pleasing samon-pink, wen formed, double, and wen
placed on long stems. (See color plate E.)
2583 Carmine Spire. Fine lustrous Carmine. (See color plate A.)
2584 Los Angeles. Color rich salmon ground, overlaid with a brilliant and pleasing rose.
Foliage dark green, (See color plate C.)
2505 D. J. D C . D
2585 Dark Blue Spire. Rich blue. (See color plate B.)
OFFICE WILLS CO. A I III TO THE TENTON TO THE THE TENTON TO THE THE TENTON TO THE
2586 White Spire. A new dazzling pure white double Larkspur with the improved upright
delphinium-like habit, (See color plate F.)
delphinum-nke habit. (See cotor ptater.)
2607 I I C-1 D
2587 Lavender Spire. Beautiful shade of Lilac. (See color plate D.)

#### LATHYRUS Latifolius, Hardy Everlasting Peas (Perennial)

These climb 6 to 8 feet high when trained on a trellis; the flowers are borne in large clusters. They are peculiarly adapted to rough places, to scramble over rocks and bushes; splended for cutting.

2607 Red	10c
2608 White Pearl Pkt.	10c
2610 Mixed Colors Pkt.	10c

#### LAVATERA "Sunset" (Annual)

#### LIATRIS Gay Feather or Blazing Star (Perennial)







#### LINARIA

- 2628 Maroccana Hybrida Excelsior Mixed, Annual. Has small dainty flowers resembling miniature snapdragons and each flower has a long Columbine-like spur. It makes a nice cut flower, the colors ranging through crimson and gold, pink, mauve, dark blue, chamois and rose. Height from 12 to 18 inches; blooms in about eight weeks from seed. Pkt. 25c

#### LOBELIA, Bedding Varieties (Annual)

This charming class (*L. erinus Compacta*) forms compact bushes about 6 inches high which are fairly sheeted with bloom throughout the season. Highly desirable for edgings, ribbon bedding and garden decoration, as well as for pot culture. They flower the first season from seed. (*See illustration*.)

- 2634 Crystal Palace Compacta.
   Deep blue
   Per 1,000 seeds, 25c; pkt. 10c

   2636 Snowball.
   Pure white
   Per 1,000 seeds, 25c; pkt. 10c

   2640 Mixed Colors
   Per 1,000 seeds, 25c; pkt. 10c
- 2642 Speciosa. Fine trailing sort for hanging baskets and boxes, flowers dark blue with dark foliage
  Per 1,000 seeds, 50c; pkt. 10c
- 2644 Tenuior Compacta Blue. This differs from the ordinary compacta type in that the flowers which are much larger than the other varieties are produced on stems nine or ten inches high. Pkt. 15c
- **Lobelia, Hardy.** Tall growing, hardy perennial with long spikes of brilliant flowers; for permanent beds and borders they are unrivalled; they are one of the few flowering plants that thrive in shady situations; 2 to 4 feet.

#### LUPINUS Selected (Annual)

They are fine for mixed borders and for planting among shrubs or as beds on the lawn, making a grand display for a small outlay. As will be noted, there are a number of charming colors in the selection and some of the varieties are delicately scented. Plants of Annual Lupinus attain a height of about 2 feet; are of robust branching habit; and throw out spikes covered with pea-shaped flowers for most of their length. If these are cut as they mature the plants will continue to bloom for a long time.

2660	Annual Lupinus. Mixed	 .: Pkt. 10c
2661	Blue. Bright azure-blue.	 Pkt. 10c
2662	Lavender. Delicate lavender color	 Pkt. 10c
2664	Pink. Charming salmon-pink	 Pkt. 10c
2665	Purple. Spikes of rich dark purple	 Pkt. 10c
2667	White. Pure white flowers	 Pkt. 10c

#### LYCHNIS Lamp Flower (Perennial)

2675 Chalcedonica. The scarlet Lychnis, an old garden favorite, bearing heads of bright scarlet flowers; very hardy, 3 to 4 feet ...... Pkt. 10c
2680 Haageana Hybrids, Mixed Colors. Usually grown as annuals; of dwarf, bushy habit, bearing flowers an inch or more across in continuous succession until frost; colors are particularly pleasing—white to rich scarlet and shades of pink; 1 foot ..... Pkt. 15c

#### LUPINUS New Hardy Hybrids (Perennial)

2670 Showy, hardy perennials, growing 3 to 4 feet in height and producing during summer long racemes of Pea-like flowers in a great variety of colors. The hardiest perennial plant in cultivation; it will thrive in the poorest soil where practically nothing else will succeed. The long graceful spikes are also valuable for cut flowers. Pkt. 15c

## Description of Colored Plate Opposite

## Henderson's Selected Marigolds

#### GUINEA GOLD (Annual)

2715 This is a very distinct type of Marigold, of graceful pyramidal babit, growing 2 to 2½ feet high, and producing 30 to 40 flowers, 2 to 2½ inches across, of brilliant shade of orange flushed with gold. Unlike the ordinary African Marigold, this new variety produces no single flowers, but practically 100 per cent. semi-double. The characteristic Marigold odor is much less pungent than in other sorts.....Pkt. 25c

There has been a great revival of interest in the Marigold, and all varieties are to be seen in the windows of the florists. They are old garden favorities.

#### AFRIÇAN (Annual)

- 2707 Orange Prince. A fine selected strain having large double quilled flowers of a deep golden yellow. Height, 3 to 4 feet......Pkt. 25c

2711 Imported Collection of African Marigolds. Six varieties for 40c

#### FRENCH (Annual)

- 2723 Scotch Prize. A selected French sort very double flowers, golden yellow striped maroon red, height 1 foot. (See colored plate opposite.)

  Pkt. 25c
- 2725 Double, Gilt Edge. The large perfectly double flowers, measure from 3 to 4 inches across; color, velvety maroon, edged with yellow.

  Per 1,000 seeds, 25c; pkt. 5c

2721 Imported Collection of French Marigolds. Six varieties for 40c

#### PRIDE OF THE GARDEN (Annual)

Produces densely double flowers 3 to 4 inches across. A highly meritorious feature is the habit of the plants, which form dense bushes 2 to 3 feet high. For garden display during the summer and autumn months nothing can surpass the gorgeous masses of color of these grand varieties.

 2727 Canary-yellow
 Pkt. 10c

 2728 Golden-orange
 Pkt. 10c

 2730 Mixed Colors
 Per 1,000 seeds, 25c; pkt. 10c

#### LITTLE BROWNIE Tom Thumb (Annual)

2736 This variety is single dowering and forms compact little bushes only 6 to 9 inches high, completely covered with showy blossoms from the early part of June until frost.

The flowers are golden yellow in color, but marked with a large velvety crimson blotch at the base of each petal. For massing in beds, or for pot culture, this variety is unusually satisfactory. Per 1,000 seeds, 35c; pkt. 10c

#### LAVATERA "Sunset" Rosea Splendens (Annual)





2858 V

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#### MALLOW (Annual)

#### MARVEL OF PERU or Four O'Clock (Annual)

Beautiful summer-blooming annuals of bushy habit, 2 feet high, each plant bearing throughout the Summer hundreds of large flowers of white, yellow, crimson or striped. The flowers remain tightly closed until about four o'clock in the afternoon, when they all open together and the plants become a glowing mass of vivid colors. (See illustration.)

Per oz. 25c; Pkt. 5c 2750 Mixed Colors.....

#### MATRICARIA (Double Feverfew) (Annual)

2765 Snowball. This splendid variety of M. alba plenissima or "Double White Feverfew" forms bushy annual garden plants, bearing quantities of pure snow-white double flowers in dense clusters almost covering the oval plants with bloom; height, 8 inches. Very desirable for bedding and fine for cutting. Pkt. 10c.

2767 Tom Thumb Double Yellow. A dwarf border or edging annual making a compact bushy plant about 9 inches high and covered throughout the summer with miniature golden balls.

#### MAURANDIA Giant Flowering (Annual)

2770 These are grand improvements over the older well-known climbers. The flowers are fully double the size, and the plants and foliage are correspondingly larger and more robust, attaining a height of 6 to 10 feet; the vines quickly hide trellis from view and are thickly studded with flowers nearly as large as Gloxinias. The plants from seed sown in spring will begin flowering by July and continue until frost. Mixed Colors......Pkt. 25c

#### MIGNONETTE, Reseda Odorata (Annual)

2782 Allen's Defiance. A splendid variety for greenhouse culture, long spikes of flowers.

Per 1,000 seeds, 25c; Pkt. 10c

2784 Bird's Mammoth. A most popular variety—producing long spikes and well filled
with large fragrant flowers throughout the season......Per 1,000 seeds, 25c; Pkt. 10c

2786 Odorata Large-flowering. The popular fragrant garden annual.

Per 0z, 25c; Pkt. 5c

2786 Odorata Large-flowering. The popular fragrant garden annual.

2786 Per oz. 25c; Pkt. 10c

2788 Machet Perfection. This improved Machet Mignonette produces broad, cone shaped spikes of very fragrant red flowers on strong stems, dressed with vigorous foliage, evenly branched and of continuous-blooming habit; one of the best for either garden or pot culture. (See illustration.)

2791 Golden Goliath. This variety from England is of sterling merit. The flowers are a deep golden yellow in color with spikes of immense size, surpassing both in color and size any golden variety yet introduced.

2792 Red Goliath. One of the finest, being of strong growth, healthy and deep-rooting. The average spikes of flowers are immense, measuring 6 to 8 inches long by 2½ inches in diameter, and are compactly filled with giant florets, measuring ½ inch across. The color of the florets—fire-red—is strengthened on account of their density presenting a column of brilliant red contrasting with the healthy rich green foliage. The fragrance is delightfully rich and powerful. For cutting it is perfection, remaining fresh for 8 to 10 days in water.

2794 White Goliath. The double white-flowering counterpart of the splendid "Red Goliath" offered above.

Per 1,000 seeds, 50c; Pkt. 10c

#### MIMOSA PUDICA (Annual)

2815 ("Sensitive Plant.") Curious annual, having pinkish white flowers; the leaves instantly close up when touched. A neat plant for either pot or garden culture, 2 feet ... Pkt. 10c

#### MIMULUS, (Perennial)

Showy little plants, with singularly shaped and brilliantly colored flowers. Tender perennial blooming the first year from spring sown seed. Excellent for baskets or vases.

2820 Tigrinus. Monkey Flower. Dwarf husky plants, 1 foot high, with large Gloxinia-like flowers. Spotted and mottled. Mixed Colors. Pkt. 15c

2822 Moschatus. (Musk Plant.) ½ foot; fragrant foliage; yellow flowers. Pkt. 10c

#### MINA LOBATA (Annual)

2825 Splendid annual garden climber of luxuriant growth; 18 to 20 feet. Adapted for trellis, verandas, arbors, etc. The flowers, about an inch across, are borne in large clusters; color, blood-red, changing to orange. They flower profusely until killed by frost, and make

#### MOMORDICA (Balsam Apple) (Annual)

#### MUSA ENSETE (Abyssinian Banana) (Perennial)

2838 A sub-tropical foliage plant, very decorative in pots or tubs, or bedded out; 10 feet.. Pkt. 25c

#### MYOSOTIS or Forget-Me-Not (Perennial)

Marvel of Peru









#### NASTURTIUM (Annual)

They flourish in almost any kind of garden soil, even if only moderately good, provided it is drained and no water collects in pools on it, and the place receives the rays of the sun for part of the day.

These very modest requirements complied with, Nasturtiums of all varieties produce an endless succession of gorgeous blossoms from within a few weeks of the time seed was sown until a hard frost hits the garden on the near approach of winter.

The varieties we offer below were selected by us after a long series of trials at our seed-testing farm at Red Bank, N. J. Undoubtedly they constitute the best and most distinct sorts.

#### TOM THUMB Ornamental Leaved

- 2902 Ivy-leaved Dwarf or Bedding. Beautiful dark-green, Ivy-like foliage, composing an effective setting for the lovely flowers of various colors. ..... Oz. 25c; Pkt. 10c
- 2906 Variegated-leaved Dwarf or Bedding. These are comparatively new varieties of Nasturtiums, but they are as vigorous in growth, and produce their beautiful flowers as freely as the plain-leaved sorts. The foliage is variegated in silver, green, yellow and cream; flowers of various beautiful colors........Oz. 25c; Pkt. 10c

#### CLIMBING Henderson's Giant Flowering

A new section distinguished by flowers of a large size and a richness of variety of colorings not to be found in Nasturtiums heretofore grown.

For covering trellises, fences, arbors, piazzas, trailing over rock-work, etc., nothing can equal the gorgeous effect produced by their marvelous quantities of bloom, borne in uninterrupted splendor from early summer until cut down by frost. Their ease of culture and luxuriant growth, 12 to 15 feet high, render them worthy of great popularity. (See illustration.)

- 2943 Jupiter. Brilliant golden-yellow.......Oz. 25c; Pkt. 10c
- 2944 Moonlight. Lovely creamy-white......Oz. 25c; Pkt. 10c
- 2946 Ruby-rose. Ruby-rose shading into lighter and darker tints
- .....Oz. 25c; Pkt. 10c
- 2947 Salmon Queen. Rich glowing salmon color......Oz. 25c; Pkt. 10c 2948 Sunlight. Pure rich butter-yellow......Oz. 25c; Pkt. 10c

- 2949 Twilight. Chamois-yellow, shaded salmon-rose, and splashed scarlet Oz. 25c; Pkt. 10c
  2950 Giant-flowering Climbing Nasturtiums. Mixed Colors.
  Pkt. 5c; oz. 15c; ½ lb. 45c; lb. \$1.50
  - Henderson's Collection of Eight Giant-flowering Climbing Nasturtiums..... .....One packet each, 60c

#### CLIMBING Ornamental Leaved

### NASTURTIUM, TOM THUMB (Annual) Henderson's Giant Flowering

These Grand Dwarf Bedding Nasturtiums have flowers often measuring 3 inches across, in a great variety of new and charming combinations of colors, while the brilliancy and velvety richness of the self-colored sorts have been greatly enhanced. For summer flower beds nothing can surpass them; the plants form perfect mounds about one foot high by one foot across. Seed sown in the open ground in the spring will produce plants that bloom during early summer and continue until frost. (See illustration.)

- summer and continue until 17051. Oz. 2003 Golden Gate. Immense flowers of rich golden-orange.
  Oz. 25c; Pkt. 10c
- 2994 Gorgeous. Grand flowers of glowing salmony-apricot. Oz. 25c; Pkt. 10c
- 2996 King of the Reds. Giant flowers of brilliant crimson-scarlet. Oz. 25c; Pkt. 10c
- 2997 Mariposa. Yellow with terra-cotta blotches and red veins.
  Oz. 25c; Pkt. 10c
- 2998 Rainbow. Canary, splashed and shaded carmine and rose.
  Oz. 25c; Pkt. 10c
- 3000 Giant-flowering Tom Thumb, Mixed Colors.
  Pkt. 5c; oz. 15c; 1/4 lb. 45c; lb. \$1.50

3001 Collection of Six Giant-flowering Tom Thumb Nasturtiums
One packet each of the above-named sorts, 50c

#### TRAILING "TOM POUCE"

3010 The vines grow only 2 feet long. Flowers small, but borne in profusion; colors, yellow, scarlet, orange and blotched. Peculiarly adapted as trailers for vases, window boxes, hanging baskets, rockwork, etc.

Oz. 25c; Pkt. 10c

#### NASTURTIUM—Continued

#### GOLDEN GLEAM New Double, Sweet-Scented

#### (Awarded a Gold Medal as one of the leading "All American" varieties of flower seeds for 1933)

3012 The ever-increasing popularity of this well-known novelty, which was introduced last year, leads us to believe that the demand will surpass that of last year. We feel that its popularity is due in large part to the many ways in which the plant can be used. As a bedding plant it is unsurpassed. The neatly formed, vigorous growing plants, covered with a mass of the large, golden yellow flowers, produce a blaze of color in the garden. The flowers, borne on erect, stiff, 6-inch stems, coupled with the great floriferousness of the plant, leave the foliage practically hidden. When fully developed the plant sends out foliage practically hidden. When fully developed the plant sends out short runners, also bearing numerous flowers, which add to the usefulness of the plant for the window box. In the greenhouse, plants may also be forced, as sweet peas are, for early cut flower sales. The long stems lend themselves admirably to cut flower use, and the sweet scented flowers impart a delightful fragrance to the room

#### NEMESIA (Annual)

3020 Newton's Glories. A notable hybrid strain of large-flowering Nemesias. Plants of bushy growth, bearing a profusion of large flowers, in gorgeous colorings, including crimson, lemon, orange, purple, claret, etc., some are tigered and spotted on delicate ground colors. Mixed Colors.....Pkt. 25c

**Strumosa Suttoni** Free everblooming plants, fine for the open border and pot culture. Heighh, 12 to 15 inches.

3024 Pink 3022 Blue 3026 White 3027 Yellow 3023 Orange 3025 Scarlet

Price of any of the above......Pkt. 15c

#### NEMOPHILA (California Blue-Bell) (Annual)

#### NICOTIANA (Flowering Tobacco) (Annual)

3047 Crimson King. Dark velvety crimson red...Per 1,000 seeds, 40c; Pkt. 10c

#### NIGELLA (Love-in-a-Mist) (Annual)

Lovely garden annuals growing in oval bush form, about 12 to 15 inches in height. In the finely cut, fern-like green foliage nestle numerous large, double flowers of light blue or white. The charming effect having suggested the popular names of "Love-in-a-Mist," "Devil-in-a-Bush," etc. (See illustration.)

3056 Miss Jekyll, Blue.	Large, double, light blue	. Pkt. 10c
3058 Miss Jekyll, White.	Pure white flowers	. Pkt. 10c
3060 Damascena. Double	Mixed. The tall type	Pkt. 5c

#### OENOTHERA (Evening Primrose) (Annual)

Fine for mixed garden beds and borders. Grow in branching form, 1 to 2 feet in height, and produce freely and continuously large, single, poppy-like flowers of white, yellow, rose color, etc. The blossoms open early every evening and last well into the following day. Thrive in any sunny situation.

3068	Royal	Rose.	"Mexican	Evening	Primrose."	Rose	color	Pkt.	10c
3070	Mixed	Annual	Varietie	g				Pkt	10c











## PANSY (PERENNIAL)

To raise Spring-sown Pansies sow seed thinly in coldframe about March, and transplant when the weather is favorable and the plants are of sufficient size.

Or, sow in February in window box at temperature of 65 deg. When large enough transplant 2 inches apart, and to open ground later.

"How to Grow Pansies," our booklet on culture is sent free to all applicants.

#### BUTTERFLY

Henderson's Mammoth. This "Butterfly" race originated from selections made by the late Peter Henderson—who was particularly fond of pansies—from the best American, English, Scotch, French and German varieties. (See illustration.)

3120 Henderson's Mammoth Butterfly Pansies in Mixed Colors.

#### POPULAR STRAINS

Per 1,000 seeds, \$1.00; pkt. 25c

3100 Bedding. Finest Mixed.....

Henderson's Giant. Well-grown they measure 3 to 3½ inches across—and of most gorgeous effects, blotches, spotted, marbled, veined, striped and blended, colors passing through reds, rose, pink, white, purple, in beautiful and indescribable variegation.

#### RUFFLED

Henderson's Giant. The flowers are so large and full that the broad petals seem to be "gathered" to the stem, causing them to be fluted from center to circumference, not unlike "frilled" velvet. The flowers which are of unusual substance are borne on strong stems well above the foliage and contain rich combinations of coloring not found in other Pansies. (See illustration.)

3170 Mixed Colors..... 

SWISS GIANT or Roggli's Hybrids (See Colored Plate page 104)

These varieties were raised by a Pansy Specialist in Switzerland and have created a decided sensation in floricultural circles. An American observer, seeing these Pansies for the first time in Switzerland was moved to say—"We should throw all other varieties away, now we have Roggli's."

The plants are very robust, and the very large flowers of heavy texture, are carried on strong stems well above the leaves. We have pleasure in offering to our customers, the very distinct varieties described below.

3173 Cardinal Shades. This is a selection of many red and crimson sorts....Pkt. 35c

#### TRIMARDEAU

Henderson's Giant. Years of hybridization and selection have evolved this superior race of Pansies. The plants are of robust growth, deep-rooting, and drought-withstanding. The flowers have also improved in size, substance, form and colors. (See illustration.)

3176 Aurora. Crimson purple shading to light wine, with a defined white margin .. Per 1,000 seeds, 60c; pkt. 10c

3178 Bridesmaid. White shaded rose beautifully blotched.

3182 Canary Bird. Pure spotless yellow. Per 1,000 seeds, 60c; pkt. 10c
3186 Indigo-Blue. Blotched black. Per 1,000 seeds, 60c; pkt. 10c
3192 King of the Blacks. Lustrous ict black

3207 Meteor. Rich, reddish-brown or mahogany—a beautiful shade.

..... Per 1,000 seeds, 60c; pkt. 10c 3214 Peacock. (Gloriosa.) Garnet, cream and blue..... Per 1,000 seeds, 60c; pkt. 10c

3216 President Carnot. White with large violet blotches. Per 1,000 seeds, 60c; pkt. 10c

3217 **Prince Charming.** Rosy red, veined purplish lilac, a charming sort.
Per 1,000 seeds, 60c; pkt. 10c

3218 Purple. (Atropurpurea.) Velvety royal-purple.... Per 1,000 seeds, 60c; pkt. 10c

3226 Striped. White, blue, violet and chocolate...... Per 1,000 seeds, 60c; pkt. 10c 3227 Victoria. A very distinct and new variety; clear oxblood red.

Per 1,000 seeds, 60c; pkt. 10c

3234 White Treasure. White with three violet blotches . Per 1,000 seeds, 60c; pkt. 10c 3238 Giant Yellow. Golden yellow with mahogany eye. Per 1,000 seeds, 60c; pkt. 10c

3241 Henderson's Collection of 12 Giant Pansies. This Collection contains one packet of 12 of the largest and most beautiful Pansies in cultivation. Price, \$1.00

#### WORLD'S RECORD

The flowers are of large size and are delicately fragrant—indicating the Violet strain in their make-up. They are hardy and continuous flowering.

- 3252 Celestial Queen. Bright-sky blue, tinted lavender, small yellow eye....Pkt. 15c
- 3254 Ice King. Silver white with deep blue blotch on lower petals............Pkt. 15c
- 3258 Winter Sun. Golden-yellow with maroon blotch on lower petals...... Pkt. 15c 3260 Mixed Colors ...... Pkt. 15c

3261 Collection, World Record Pansies. Per pkt. each of above 4 varieties. Pkt. 50c

## PETUNIA (ANNUAL)

### DWARF, COMPACT BEDDING

Dense, bushy little plants, only about 8 inches high; the flowers, while not large, in their profusion fairly hide the plants. 3302 Cockatoo. Velvety, deep violet purple with irregular sized white spots 3304 Norma. Velvety-blue, with white center. Pkt. 25c
3304 Norma. Velvety-blue, with white center. Pkt. 10c
3306 Rosy Morn or Pink Mound. Rosy-pink with white throat, very
popular. Pkt. 10c
3307 Rose of Heaven. A fine bedding sort, color brilliant rose. Pkt. 10c
3308 Snowball. White flowers. Per 1,000 seeds, 40c; Pkt. 10c

The Balcony Petunias are particularly recommended for this purpose-The showy flowers which average about three inches in diameter are produced in great abundance from early summer until killed by frost. (See illustration.)

120	Pkt.					٠.		 			 		 Blue	Balcony	Petunia	3312
														Balcony		
į	Pkt. Pkt.						 :		 	- /		 	 Rose. White	Balcony Balcony Balcony	Petunia Petunia	3314 3315

#### "GIANTS OF CALIFORNIA" Henderson's Giant Double

These are as large as Hollyhocks and very double. The edges are profiled petals fluted and crinkled, intensifying and varying the colors with high lights and dark shadows. They come in a variety of colors—selfs, blotched, veined, margined, etc.; in short, these Double Petunias are unsurpassed by any other strain. (See illustration.)

3320 Mixed Colors. Pkt. 50c

NOTE:—This strain of Double-flowering Petunias do not produce seed. The pollen from the doubles is transferred to the chosen singles which produce seed so only about one-third of the flowers will be double and these in the seeding stage are always the weaklings of the batch and are the ones to be transplanted.

#### DOUBLE SELF-SEEDING

#### GIANT SINGLE, Henderson's

Our strain of Giants of California is of incomparable beauty and size, Most of the flowers are exquisitely ruffled or fringed on the edges, and all are of enormous dimensions, 4 to 5 inches across. (See illustration.)

3332 Aurora. Rose-pink, veined crimson. Pkt. 25c

3334	Autora. Rose-plina, veineu citiuson
3334	Fimbriata Alba. White, with yellow throatPkt. 25c
3335	Elks Pride. A large flowering and profuse blooming variety, color
	Elks Purple a very desirable sort
3336	Empress. Layender, toning off white, netted violet: throat black.
	Pkt. 25c
3338	Kermesina. Deep crimson
	Miranda. Rosy-red, with scarlet throat
	Quadricolor. Rose, netted carmine: throat blood-red with a star-like

#### CALIFORNIA GIANT, New Dwarf

3365 By far the best strain of Giant Petunias for pot culture. We have checked this type against many in our experimental grounds this season and consider it the most compact Giant Petunia with the largest and best formed flowers of any dwarf Petunia on the market today. Mixed Petunia on the market today.

#### BEDDING, Single Striped and Blotched, Large-Flowering

Turn to Colored Plate, Page 113

#### PETUNIA "FLUFFY RUFFLES" A Modern Giant Fringed Variety

These beautiful varieties bear large flowers three to four inches in diameter embracing many beautiful colors, crimson, pink, lavender, white, mottled, etc. Many of the flowers have yellow throats while others deeply lined and netted on a white, pink or lavender ground. The flowers are beautifully ruffled, frilled and fringed. This is a fine sort for bedding 









#### PENTSTEMON (Perennial)

"Sensation." A Giant Gloxina-flowered type, though perennial, these bloom early the first season from spring-sown seed. The graceful spikes, about 2 feet high, are bedecked with flowers 2 inches from July until frost. The colors and markings are gorgeously varied from pink to scarlet and maroon, all beautifully blotched and veined with other colors...Pkt. 15c

#### PHLOX DRUMMONDII (Annual)

(Also Shown in Colors on Page 106)

For beds and massing nothing can surpass these beautiful annuals. Separate colors, planted in separate beds, or the scarlet or pink surrounded by the white, or planted in designs, will form a floral picture of incomparable richness of coloring. They produce immense trusses of large brilliant flowers throughout the summer; 1½ feet high. Our large-flowering Phlox is an improved strain, extra large, perfectly round flowers, with overlapping petals. They are of easy culture, succeeding in all sunny positions, beginning to bloom in early summer from springsown seed and continuing until close of autumn. (See illustration.)

338	2 Alba.	White		Pe	r 1,000	seeds,	50c;	Pkt.	10c
338	3 Brillia	nt Rose.	Pink and rose		r 1,000	seeds,	50c;	Pkt.	10c
338	4 Cham	ois-rose.	Salmon-pink,	orange eyePe	r 1,000	seeds,	50c;	Pkt.	10c
338	5 Coccin	ea. Brill	ant scarlet	Pe	r 1,000	seeds,	50c;	Pkt.	10c
338	7 Isabeli	ina. Yello	ow, garnet eve	Pe	r 1.000	seeds.	50c:	Pkt.	10c

3389 Splendens. Dazzling Scarlet with large white eye.
Per 1,000 seeds, 50c; Pkt. 10c

3390 Mixed Colors..... .. Per 1,000 séeds, 25c; Pkt. 5c

3391 "Brilliant" Collection, one packet each of the above 6 varieties . 50c

#### JUBILEE, Henderson's (Annual)

#### DRUMMONDII, Dwarf (Annual)

A very desirable dwarf annual variety, growing 6 inches high, fine for edgings and borders.

Fireball. The foliage of the dwarf, compact, and symmetrical plants is almost completely hidden by the profusion of small scarlet flowers that are borne continuously from early summer till late fall.

Per 1,000 seeds, 60c; Pkt. 15c 3405 Fireball.

3406 Snowball. Counterpart of the above with pure white flowers.

Per 1,000 seeds, 60c; Pkt. 15c

#### HARDY LARGE FLOWERING HYBRIDS (Perennial)

Noble perennial flowering plants for permanent beds in the garden and herbaceous border, bearing immense panicles of large and bright-colored flowers. The plants are perfectly hardy, 2 to 3 feet high, growing and flowering with increasing luxuriance year after year, and remaining in bloom during the late summer months.

3410 Large-flowering Hybrids, Mixed Colors. Per 1,000 seeds, \$1.00; Pkt. 15c

#### PHYSALIS (Chinese Lantern Plant) (Perennial)

(Shown in Colors on Page 68)

Francheti. An ornamental plant that has recently come into popular favor for the decorative value of its brilliant orange-scarlet lantern-shaped fruit pods. Although a perennial, the pods are produced the same year from spring sown seed. Height two feet. (See illustration.) Pkt. 15c

#### PHYSOTEGIA, or False Dragonhead (Perennial)

3418 Virginica. This is a very stately hardy plant for the perennial border. The plant grows between 4 and 5 feet high, and is covered during the summer with spikes bearing lilac-colored tubular flowers. The spikes remain in bloom for a long time, as the flowers begin opening at the bottom in the same manner as a Gladiolus spike.

Pkt. 10c

#### PLATYCODON, Chinese Bell-Flower (Perennial)

Hardy perennial, bearing large, broad, bell-shaped white or blue flowers; fine for garden decoration; 1½ feet. (See illustration.)

3420 Grandiflora, Mixed Colors .....

3425 Mariesii. (Wahlenbergia grandiflora nana.) Very handsome, dwarf, compact-growing "Chinese Bell-Flowers," forming dense little round bushes about 12 inches high and bearing abundantly broad, bell-shaped flowers about 3 inches across, of white and varying shades of blue from lavender to purple. (See illustration.) Mixed Colors. Pkt. 15c

#### POLYANTHUS (Primula Elatior) (Perennial)

3430 An early blooming Primrose for spring flower beds or pot culture; the large umbels of flowers of various colors, edged and laced, are borne on stalks 8 Mixed Colors..... Pkt, 25c

# POPPY (Henderson's Selected)

#### CARNATION-FLOWERED DOUBLE (Annual)

#### FEATHERBALL DOUBLE (Annual)

3445 These double-fringed annual Poppies are very beautiful; they belong to the Carnation-flowered type, the large flowers having the same globe-shaped formation, with gracefully fringed petals like big balls of feathers. The plants are only 15 to 18 inches high. ... Per 1.000 seeds, 25c; Pkt, 10c

#### GIANT DOUBLE Henderson's Brilliant Blend (Annual)

3463 Rosy Morn. Exquisite rosy pink, shading to salmon pink and at the center. white

3461 Collection Gorgeous Poppies, one packet each of the above 6 separate varieties, 50c

#### DOUBLE PEONY-FLOWERED (Annual)

3460 Robust plants 2 feet high, with immense double, peony-like flowers, 3 to 4 inches in diameter, in many beautiful colors and combinations. (See illustrations.) 

#### AMERICAN LEGION (Annual)

3464 An improved variety of Flanders Poppy, color a brilliant orange scarlet,

An improved variety of Fianders Roppy, each excellent for cutting.

They do not attain as large a size as a well grown Shirley Poppy, but apart from the sentiment now attached to them they are a decided acquisition. They flower the first season from spring-sown seed.

Per 1,000 seeds, 25c; per oz., 50c; Pkt.. 10c

#### ENGLISH SCARLET FIELD (Annual)

SHIRLEY Giant (See colored plate, page 114.)

#### ICELAND (Perennial) (Papaver nudicaule)

Although hardy perennials, these dwarf Poppies bloom the first season from spring-sown seed. The fragrant, elegant, crushed-satin-like flowers are produced in never-ceasing succession from the beginning of June to October; fine

#### ORIENTAL Hardy Giant (Perennial) (Papaver Orientale)

Among hardy perennials these hold an unrivaled position for gorgeous effectiveness in gardens and hardy borders. Height, 2 to 3 feet. Flowers immense, often 6 inches or more across. They are also grand, cut in bud state, for vases. The seed should be sown in the open ground in June or July in order to bloom the following summer. (See illustration.)

3482 Beauty of Livermere. Crimson with black blotch. Pkt. 15c

3483 Colosseum. Flowers 8 inches across. Color, rich, shiny dark scarlet with a black spot at the base of each petal. Pkt. 15c

3484 "The Foltham." This variety has all the various shades of the type, viz., scarlet, orange, apricot, etc., but with no black blotches at the base of the petals. The flowers are thus self-colored. A brilliantly decorative border plant. Pkt. 25c

3485 Princess Victoria Louise. Salmon-scarlet Pkt. 15c

3489 Salmon Queen. Salmon-yellow. Pkt. 15c

3490 Oriental Hybrids. Mixed Colors. Per 1,000 seeds, 60c; Pkt. 10c











#### PORTULACA (Annual)

Brilliant garden annuals, 6 inches high, luxuriating in warm, dry, sunny situations and blooming profusely from early summer to autumn. For low beds and masses of color, from spring until frost, they are indispensable; colors range through innumerable shades of red, yellow, pink striped, white etc. (See illustration.)

3501 Imported Collection of Double Portulaca, 8 varieties.....75c

#### POTENTILLA ROXANA (Perennial)

3514 This delightful herbaceous perennial produces compact plants that resembles large rosets of Strawberry foliage. The flower stems which rise a foot or more above the foliage carry graceful flowers somewhat resembling a double calliopsis and is salmon pink in color ... Pkt. 25c

#### PRIMULA (Primrose), (Perennial)

Giant Fringed Chinese. (Primula Sinensis Grandislora Pimbriata.) Chinese Primroses are among our finest winter and spring blooming pot plants; of healthy, sturdy growth, 8 to 12 inches high, and free from insects; while they produce for weeks large trusses of flowers, which in our new Giant varieties average 4 ½ to 6 inches in circumference.

Mixed Colors

Mixed Colors

Pkt. 25c

3525 Primula Obconica Gigantea. These "Ever-flowering Primroses" are favorite pot plants for house and conservatory. This new giant Obconica race produces flowers measuring 1½ inches across, equaling the flowers of the Chinese Primrose with the added merit of being more easily grown. Several colors in mixture, white, crimson, rose, violet, lilac, pink-eyed sort, etc.

Pkt. 25c

3526 Glory of Aalsmeer. (Obconica Grandissora.) Its most striking characteristic is the much deeper shade of bright rose color which has been evolved, and also a noticeable improvement in the size of the flowers, and in the shape of the plants. In Europe, where this new selection was made, it is much in demand by all growers, professional as well as amateurs. Pkt. 50c

3545 Primula Japonica Hybrids. These grand new Japan Primroses are perfectly hardy—forming stately robust plants that carry large trusses of bloom standing 3 to 3 1/2 feet above the ground. The colors range from pure white through shades of pink to deep crimson.....Pkt. 25c

#### PYRETHRUM (Perennial)

#### DESCRIPTION OF COLORED PLATE OPPOSITE

### New Ruffled Petunia "FLUFFY RUFFLES"

These startlingly beautiful "Fluffy Ruffles" varieties represent a great step forward in the improvement of the petunia, as a glance at our colored plate will show.

Every seed harvested is the result of hand fertilization,

and is consequently worth its weight in gold.

These beautiful varieties bear large flowers three to four inches in diameter, embracing many beautiful colors, crimson, pink, lavender, white, mottled, etc. Many of the flowers have yellow throats, while others are deeply lined and netted on a white, pink or lavender ground. The flowers are beautifully ruffled, frilled and fringed. This is a fine sort for bedding or pot culture.

3375 Mixed Colors...Per 1,000 seeds, \$1.00; pkt., 25c

#### PYRETHRUM or Painted Daisy (Perennial)

Valuable, hardy, herbaceous garden plants, with large single or double flowers, 3 to 4 inches across, of rose, flesh, pink, white, lavender, crimson, etc., with yellow center; freely borne on stems about 2 feet high. They remain in bloom for a long time. They are now very popular as cut flowers.

3555 Hybridum, Double, Large-flowering.

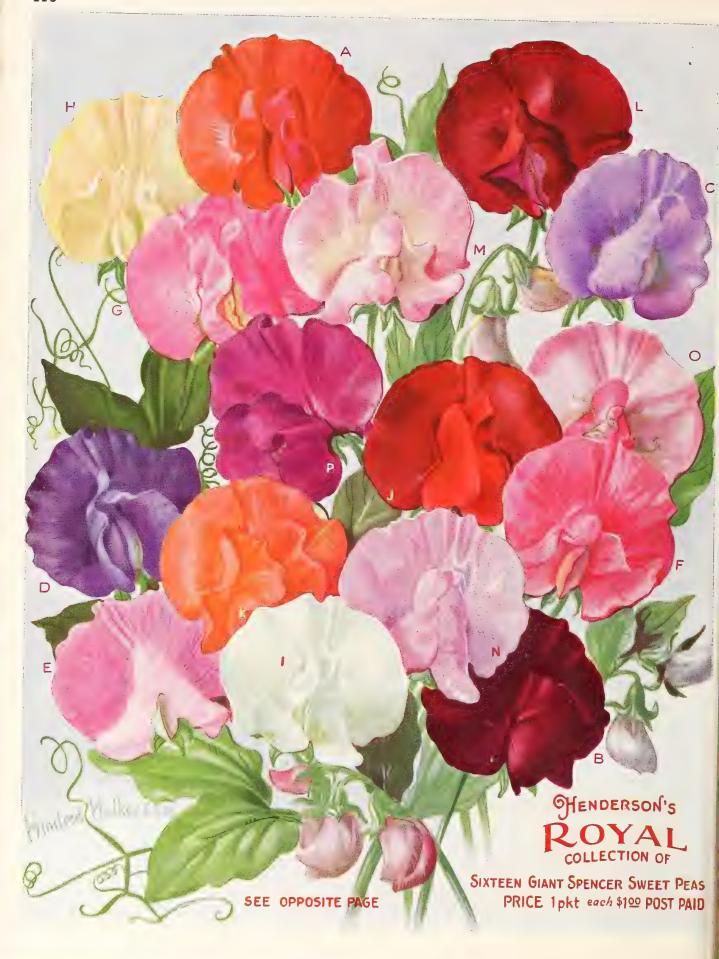
Mixed Colors......Pkt. 15c



FOR DESCRIPTION AND PRICES SEE OPPOSITE PAGE







## Henderson's "ROYAL" Collection of

## GIANT SPENCER

SWEET PEAS

Sixteen of the Best Varieties Shown in Colors on Opposite Page and Described Below

4301 COLLECTION. ONE PKT. EACH OF THE SIXTEEN VARIETIES FOR \$1.00 POSTPAID. 4304 COLLECTION. ONE OUNCE 400 TO 500 SEEDS EACH OF THE SIXTEEN VARIETIES FOR \$4.00 POSTPAID.

Progress is constantly being made in producing additions to the glorified race of "Spencers" soon destined to supersede the older types, and in this collection we include a number of the most recent.

The characteristics of the Spencer Sweet Peas, grown under con-The characteristics of the Spencer Sweet Peas, grown under congenial conditions, are: robust growth, the plants attaining a height of from 6 to 10 feet, requiring for full development to be from sinches to a foot apart. The flowers are giants among Sweet Peas, measuring 2 to 2½ inches across. They are beautifully formed with huge standards, open and upright, and immense wings gracefully poised. Both standards and wings are daintily waved, the undula-

tions reflecting high lights and casting shadows in the depth, thus showing a varied harmony of tones which greatly enhances the coloring. Three and often four of these queenly blossoms are borne on long, strong stems, rendering them unsurpassable as cut flowers for vases, bouquets and other decorations. Their long-continued profusion of bloom is phenomenal, but accounted for by the fact that a majority of the flowers of true Spencers fall as they fade—before the seed pod is formed—thus continuing the succession of bloom—for as all know when Sweet Peas set pods, the flowering diminishes.

Frequent picking will insure a succession of blooms.

## Henderson's "Royal" Collection Chosen by the Floral Committee of the National Sweet Pea Society

In offering this collection, we do so in the full confidence that it is without question the best selection of Sweet Peas that it is possible This claim is made not only on our own recommendation, but also on that of the highest authority on Sweet Peas, namely: Floral Committee of the National Sweet Pea Society, who at their annual meeting in London chose the varieties in the "Royal" collection as the best in each of their color classes.

Pla	te	Plate	
A	4298 What Joy. Beautiful frilled flowers; primrose shading	H 4245 Olympia. Exquisite large flower; deep rich purple.	
	to cream.	I 4148 Huntsman. A rich, dazzling scarlet.	
В	4105 Gold Crest. One of the brightest varieites; orange tinted tinted salmon.	J 4016 Ascot. Large, frilled, self pink flowers.	
C	4285 Sybil Henshaw. Large flower, deep crimson, well frilled;	K 4063 Corona. Carmine rose on white ground.	
C	sunproof.	L 4247 Orange Picture. Beautiful flower; sunproof orange.	
D	4151 International. Beautiful rosy mauve.	M 4021 Avalanche. Large, pure white flowers.	
E	4249 Pinkie. Flowers of the largest size; rose pink.	N 4250 Powerscourt. Flowers of an immense size; pure lavende	er.
F	4201 Magnet. A fine flower in size and form; salmon pink on a deep cream ground.	O 4232 Mrs. A. Searles. An ideal flower for all purposes; rie pink, merging into a soft red or golden orange.	ch
Ġ	4031 Blue Bell. A beautiful shade of blue.	P 4188 Leviathan. Deep, rich maroon.	

#### 4300 Henderson's Mixed Giant Spencer Sweet Peas

An unsurpassable mixture. Composed exclusively of Giant Waved Spencer varieties, blended in proper proportion of bright colors, selfs and art tints, also including several new hybrids of exquisite colors and shades.

> Per pkt. (75 to 100 seeds), 10c; per oz. (400 to 500 seeds), 20c; per 1/4 lb., 60c; per lb., \$2.00. One ounce will sow a double row twenty feet long

#### HOW TO ORDER FRESH-CUT FLOWERS FROM US

By Mail, Long-Distance Telephone and Telegraph, or Your Own Florist

#### When to "Say It With Flowers"

HOLIDAY GREETINGS NEW YEARS ST. VALENTINE'S DAY EASTER MOTHER'S DAY MEMORIAL DAY THANKSGIVING CHRISTMAS

WEDDING ANNIVERSARIES

BIRTHDAY GREETINGS BON VOYAGE **BUSINESS OPENINGS** CHEERING THE SICK CONDOLENCE CONGRATULATIONS GRADUATION HOME DECORATION SOCIAL AFFAIRS

HOW TO ORDER. You remit to us the amount you wish to spend, with your order and we will deliver as instructed. Customers having charge accounts with us, may telegraph their orders and have them charged.

Customers are often in a dilemma as to just the kind of flowers they should send, and no doubt this uncertainty often discourages them from ordering. It is usually better to leave the selection of flowers to us. Tell us in your letter or telegram for what purpose the flowers are to be used, for instance, whether for a bouquet, a corsage or a floral design, or loose flowers suitable for vases. We will then be able to supply a much better selection than could be specified from a distance.

Be careful to send the full name and address of the person to whom the flowers are to be sent; also the form of greeting or message to be enclosed with them.

ANOTHER METHOD OF ORDERING. We are members of the Florists Telegraph Delivery Association, and through it, we can deliver fresh-cut flowers to any city, town or village in the U. S. A. All that is necessary for you to do, is to go to any Florist in your town who is a member of this Association, and place your order with him. Tell him that you wish Peter Henderson & Co. to fill the order. He will then telegraph the order to us, and we will deliver the flowers to the given address, thereby saving much time.



## SWEET PEA Giant Spencer

### Standard Orchid-Flowered Varieties and Novelties

Price of All Named Sorts; 10c per Packet; 30c per oz. Packets Contain from 40 to 50 Seeds

- 4007 America. Striped and flaked brilliant carmine over white; very large.
- 4016 Ascot. Large frilled, self pink flowers. (See color plate J. page 116.)
  4021 Avalanche. Very large pure white. (See color plate M. page 116.)
  4031 Blue Bell. A beautiful shade of blue. (See color plate G. page 116.)
  4048 Bonfire. A grand large waved flower of fine substance; color soft pink with white wings.

- with white wings.

  4054 Celebrity. The most vigorous growing orange colored Sweet Pea. In addition to being robust in growth the flowers are usually large and the stems long and strong. The color is uniform in standard and wings.

  4055 Chieftain. Beautiful deep mauve. (See illustration.)

  4060 Conqueror. A magnificent large clear glowing cherry cerise. The standards and wings are alike in brightness of color. The vivid color suggests a brilliant scarlet red shade. brilliant scarlet red shade.
- 4063 Corona. Carmine rose on white ground. (See color plate K, page 116.)
  4072 Crimson King. Large rich deep crimson waved flowers of fine form.
  4077 Debutante. The color is difficult to describe, but the general effect is a lovely, soft salmon shaded coral or peach pink.
  4083 Dolores. The color is clear, deep rose-pink in effect, but the rose-pink
- 4089 Eosine. According to the chart, the color is a beautiful tone of Pink with a soft flushing of salmon. It is an unusually large flower and well placed on long stout stems. (See illustration.)
  4104 Fortune. A rich dark blue, the wings are real blue, bright and solid; standards of great size, beautifully waved, are real rich violet.
  4105 Gold Crest. One of the brightest varieties, orange, tinted salmon.
- (See color plate B, page 116.)

- (See color plate B, page 116.)
  4109 Grenadier. Large waved flowers of deep cerise.
  4111 Gleneagles. Immense pale lavender blue. (See illustration.)
  4145 Honour. The finest deep crimson variety.
  4148 Huntsman. A beautiful shade of scarlet. (See color plate I, page 116.)
  4151 International. Beautiful rosy mauve. (See color plate D, page 116.)
  4188 Leviathan. Deep rich marcon. (See color plate P, page 116.)
  4201 Magnet. A fine flower in size and form, salmon pink on a deep cream ground. (See color plate F, page 116.)
  4219 Mary Pickford. A beautiful light pink, with just the faintest suffusion of salmon. The perfectly formed flowers that are invariably grouped in fours on the long stems are large and decidedly waved.
- fours on the long stems are large and decidedly waved.

  4232 Mrs. A. Searles. An ideal flower for all purposes, rich pink, merging into a soft red or golden orange. (See color plate 0, page 116.)

  4245 Olympia. Deep rich purple of exquisite form; large flower. (See color
- plate H, page 116.)
  4247 Orange Picture. Beautiful flower, sunproof orange. (See color ptate L.
- page 116.)
  4249 Pinkie. The beautiful rose-pink tone of the flower is free from the "blue-ness" of other deep pinks, and in a bunch it is glorious. (See color plate E. page 116.)
- 4250 Powerscourt. Flowers of an immense size, color pure lavender. (See
- color plate N, page 116.)
  4273 Royal Pink. A strong grower, pink ground shaded shrimp pink veined
- deep rose.
  4282 Senator Spencer. A large and fine striped; seal-brown and claret
- 4282 Senator Spencer. It has fakes on white.

  4284 Sultan. Large glossy black maroon.

  4285 Sybil Henshaw. Large flower, deep crimson, well frilled, sunproof. (See color plate C, page 116.)

  4286 Sunset. The general effect of this flower is that of the ruddy glow of the beautiful combination of rose, amber and gold.
- setting sun. A beautiful combination of rose, amber and gold.

  4287 Tangerine. Brilliant orange or tangerine colored flowers.
- flowers and long stems make this most effective.

  4289 Valentine. Large flowers of a most pleasing shade of light pink.

  4295 Warrior. Handsome large waved flowers of a deep maroon.
- 4298 What Joy. Primrose yellow shading to cream. (See color plate A, page 116.)

#### SWEET PEA GIANT SPENCER MIXED

4300 Composed exclusively of Giant Waved Spencer varieties, blended in proper proportions of bright colors, selfs and art tints, also including several new hybrids of exquisite colors and shades.

[per oz. (400 to 500 seeds), 20c; per ½ lb., 60c; per lb., \$2.00.

(One ounce will sow a double row 20 feet long.)

#### Brief Cultural Directions for Growing Sweet Peas

Sowing Sweet Pea Seeds in the Open Ground. When Sweet Peas are to be grown from start to finish in the open ground the seeds should be sown at the earliest possible date in spring, even before frosts are over, for they are quite hardy. But, of course, this cannot be done until the ground is dry enough to work, i.e., is crumbly, not wet and sticky. The object of early sowing is to give the roots as long a time as possible to develop before the warm weather excites the tops into rapid growth. Slow sturdy top growth and a well developed root-system, roots clear down to the cool, rich, moist lower layers of soil before hot weather, is one of the secret of success. After the ground has been prepared, raked and leveled, draw a flat furrow with a hoe about 6 inches wide and 3 inches deep and plant the seeds 2 to 3 inches apart zigzag along the center of the furrow, cover with

about 1 inch of soil, then tramp firm with the feet; this will leave the seeds in a light depression which will hold moisture and hasten germination. When the seedlings have attained a height of 2 to 3 inches they should be thinned out to remain 6 to 12 inches apart, the greater distance is advised for trench culture if the plants are expected to develop their maximum capacity. Cultivation should begin just assoon as the plants are large enough to keep the surface of the ground loose, admit air and conserve the soil's moistures. At each of the earlier hoeings draw a little of the ridged soil into the furrow about the plants until it is all level. This gets the roots down deeper where they are less susceptible to the drying out effects of hot weather. We do not believe in ridging up the young seedlings as ridges turn the water away. The vines are of course to be supported by brush or netting.

## SWEET PEA Continued EARLY FLOWERING SPENCER

#### Standard Varieties

The plants of this new race are of strong constitution, vigorous growth and bloom continuously for about four months if grown under congenial conditions. Grown in the open ground they begin flowering in about 106 days from seed sowing or fully four weeks sooner than late flowering sweet peas sown at the same time. It is predicted by sweet pea authorities that this race will supplant all other early and late flowerauthorities that this race will supplant all other early and late flower ing sweet peas for winter flowering under glass, and also for open ground culture in our Southern States—sown preferably in fall or winter. Condensed cultural instructions for garden culture under both northern and southern conditions and for winter flowering under glass are given in Henderson's leaflet, "How to Grow Sweet Peas to Perfection," free to customers.

Henderson's packets of named sweet peas contain 40 to 50

Price of any named varieties mentioned below, 15c per pkt.; 50c per oz.

- 4305 Early Alameda. The color is deep rose-pink overlaid with glowing salmon-cerise pink. The stems are long and the flowers, mostly fours, are well placed.
- 4308 Early Apollo. The color is a soft salmon-cerise. The flowers are unusually large, nicely waved, splendidly placed and the stems are very long.
- 4312 Early Aviator. Dazzling crimson-scarlet.
- 4314 Early Bright Light. A flaming self scarlet. It is absolutely sun proof and, in fact, the brighter the sun, the brighter the color.
- 4317 Early Duplex "Pioneer." The color is rose-pink on cream ground added to by the unusual frilliness of the flower. The flowers look double and really are double, since often there will be three or four standards and sometimes the wings are also double.
- 4318 Early Fandango. A duplex early of a bright rose color. Early Fandango is strong in growth and usually four flowers are borne on fine, long, stiff stems.
- 4320 Early Fortyniner. The color is a deep yet bright orange shade, making a glorious bunch. The flowers are large and very bold, frequently with double standards and splendidly spaced on the stems. Standards and wings are alike in richness of color.
- 4322 Early Glitters. An attractive orange-scarlet.
- 4325 Early Greeting. We consider it the greatest lavender sweet pea in the early flowering section. It is the same lovely lavender as the late flowering variety.
- 4339 Early Hope. A mammoth flowering black seeded pure white. flowers are large and waved, stems long, habit vigorous. The buds have a cream tinge, which turns to a solid paper white. We predict a great future for this variety. (See illustration.)
- 4341 Early Marine. This is the clearest of all blues either in the late or early class. Both standard and wings carry this truest blue evenly throughout the entire flower. The size is enormous, being the largest blue in existence, the standard measuring fully 2½ inches across.
- 4344 Early Mrs. Kerr. A fine shade of salmon.
- 4351 Early Oriental. The flowers appear in fours, this being the rule rather than the exception. The color is clear, deepest cream. The flowers are well waved and most of the flowers have duplexed standards.
- 4353 Early Pal. This is one of the entirely new shades; it has the lively scintillant, pleasing, rich rose-crimson early sweet pea which growers have been looking for. The flowers are of excellent form, large and bold. The vines are vigorous in growth and very free flowering.
- 4356 Early Pride. This is a pure cerise, of most even coloring, with large flowers borne on long stems. It is very common to have four flowers to the stem, and when grown in the open ground we found four flowers were the rule rather than the exception. The flowers are well frilled and borne in profusion.
- 4386 Early Vogue. This is an improved early lavender. The standard is lilac lavender, flushed rosy lavender and wings clear lilac lavender. A special feature of Early Vogue is its refreshing, rich old-time sweet pea perfume. When cut and put in water, Early Vogue retains its lovely feath color. fresh color.
- 4400 Early Flowering Spencer, Mixed. This exquisite strain contains the delightful, characteristic sweet pea colors in infinite variety. The flowers are identical in size and beauty to the named sorts. Price, pkt., 10c; per oz., 40c.



#### **HENDERSON'S** "NOVELTY" COLLECTION OF EARLY FLOWERING SPENCER SWEET PEAS

(See Colored Plate page 115)

- 4307 American Beauty. A rich, crimson rose color on a white ground. The coloring is brilliant and a new shade in early flowering sweet peas. The blossoms are borne on very long and unusually stout stems, each stem having four magnificent flowers measuring 21/2 inches across the standard, and always well expanded.....Pkt. 25c
- 4321 Fragrance. This is the earliest and undoubtedly the finest of all lavenders. It is sweetly fragrant, hence its name. The color is a pleasing, clear lavender self, and the beautifully frilled standards and nicely spread wings have the same delightful shade. Pkt. 25c
- 4323 Gloria. A sparkling salmon rose of great substance and character. This rich rose is softened with shades of amber, and its tints are so perfectly merged that every petal glows with distinction . . . . . . .
- 4342 Miss Annie Laurie. The richest tone of pure rose pink ever produced in a sweet pea. It is the most vigorous sweet pea grown. Long stems which are maintained throughout its blooming period, and fours, of course. It is an abundant, prolific and continuous bloomer.....Pkt. 25c

4402 Collection of Four Varieties described above.
Price 75c postpaid

#### RHODANTHE or Straw-Flower (Annual)

(Shown in Colors on Page 94)

Elegant garden annuals, 9 to 12 inches in height. They flower early and continue for a long time, and are also used as pot plants. As an "Everlasting" for dried winter bouquets they are indispensable.

3563 Rose ... Pkt. 10c 3565 White ... Pkt. 10c

#### RICINUS or Castor Oil Plant (Annual)

Noble annual foliage plants of luxuriant and rapid growth, attaining a height of from 5 to 10 feet; producing large Palm-like leaves about 3 feet across, of majestic sub-tropical effect; grown either as specimens or in groups.

3571 Crimson Spire. A new and desirable variety with bronze foliage and crimson seed pods; height 6 feet...... Per oz. 30c; Pkt. 10c

3573 Cambodgiensis. Maroon foliage, black stems. Per oz. 30c; Pkt. 10c

3574 Panormitanus. A cross between Ricinus Cambodgiensis and Zanzibariensis, which inherits its maroon
color from the former, and from the latter its gigantic
dimensions. The plant has a noble upright habit
and when fully developed forms a huge symmetrical
bush of wonderfully ornamental aspect

..... Per oz. 30c; Pkt. 10c 3580 Mixed Varieties......Per oz. 15c; Pkt. 5c 3585 Zanzibariensis (Mixed Varieties). Immense

leaves, green, brown or purplish
Per oz. 30c; Pkt. 10c

#### SALPIGLOSSIS, Emperor (Annual)

(Shown in Colors on Page 115)

A new, giant-flowering race of this beautiful and popular garden annual. The immense, Petunia-like flowers are borne on dwarf, sturdy branching plants, not exceeding 24 inches in height, and do not require staking. The colors are intricately netted, penciled and veined with golden-yellow or other colors. They are of the easiest culture and flower profusely during the summer. A bed of Emperor Salpiglossis in flower is strikingly beautiful The long-stemmed flowers are also fine for cut flower decorations.

3602	Light Blue. Veined gold
3603	Bright Crimson
3604	Golden-YellowPkt. 10c
3606	Lilac. Veined goldPkt. 10c
3607	Pink
3608	Purple-violet. Veined goldPkt. 10c
3610	Mixed Colors

3611 Collection of the above, 6 separate colors............50c

#### SALVIA or Scarlet Sage (Perennial but grown as Annual)

The Salvias are among our most popular and useful bedding plants. They are easily raised from seeds sown in February or March in the greenhouse or hotbed, the seedings being transferred to the open garden about the end of May. They bloom profusely from July until frost. Grown as annuals.

3622 Bonfire. Very compact oval bushes, 2½ feet high; brilliant scarlet flowers. The spikes stand out stiff and erect; over 200 spikes to a plant is not unusual, and the spikes bear from 20 to 30 flowers each. (See Illustration).....Per 1,000 seeds, 60c; per ½ oz. \$1.00; Pkt. 10c

3623 Harbinger. A very early type. Plants raised from seed sown at the end of February, commence to produce long spikes of dazzling scarlet flowers early in June, and maintain a blaze of color until frost. The leaves of the very compact plants are dark green.....

3626 Splendens. The old favorite bedding variety, producing during the summer and fall dazzling scarlet flowers in profusion. Height 2 feet. 

3627 Parma Violet Blue. This beautiful variety grows to a height of 3 feet, producing many spikes of a bright blue and a wonderful acquisition to this popular plant. Blooms the first season from spring-sown Pkt. 25c

3628 Tom-Thumb Zurich. Of dwarf, compact growth, forming oval bushes 15 to 18 inches high, thickly studded with fine spikes of scarlet flowers. For bedding it is brilliantly effective, either planted alone or as a front row for the taller Salvias... Per 1,000 seeds, 75c; Pkt. 15c

Salvia Farinacea Blue. The plants grow from 4 to 5 feet tall, having long spikes of light blue flowers. Seed sown indoors in February will bloom in August. This is quite distinct from Salvia Splendens.

We can furnish pot grown plants of Salvia Splendens for bedding purposes ready April 15th. Price 15c each; \$1.25 per dozen. Purchaser pays transportation.

For Complete List of Pot-grown Plants, see Page 142.



Mixed Varieties. A small perennial mossy foliage plant, invaluable for rock gardens. Height 3 to 6 inches. See also Henderson's Rock Garden Collection, on page 72...Pkt. 25c 3636 Mixed Varieties.

#### SIDALCEA (Greek Mallow) (Perennial)

3677 Stark's Hybrids. Perennial plants of splendid habit, growing erect to a height ranging from two to three feet. The mallow-like flowers are clustered closely on the long spikes. The plants bloom over a long period ranging from June till September. The colors of these hybrids include delicate blush to deep rose pink and carmine, also the various delicate. tones of red to deep crimson.....

#### SCABIOSA Maxima Plena (Annual)

(Shown in Colors on Page 115)

These varieties of "Sweet Scabious" or "Mourning Bride" represent an improved type of this old garden favorite. If the flowers are picked frequently, a continuous succession will be enjoyed up to frost. The brilliantly colored flowers measure 6 to 8 inches in circumference, are double clear to the center, and have long stems

3642	Azure Fairy. Light bluePkt.	l0c
3643	Cerise. Lovely cerise redPkt.	0c
3645	Loveliness. Soft delicate Salmon RosePkt.	l0c
3646	Golden YellowPkt. 1	0c
3647	Royal PurplePkt.	0c
3648	Snowball. Pure white	l0c
3650	Maxima Plana. Mixed colorsPer 500 seeds, 35c; Pkt. 1	l0c

3651 Collection of above, 6 separate varieties......50c

#### SCABIOSA, Hardy Varieties (Perennial)

- 3656 Caucasica Alba. A large, pure white variety; counterpart of the Perfecta; beautiful; the flowers measure 3 to 4 inches across...Pkt. 25c
- 3657 Caucasica Perfecta. Recognized as one of our handsomest hardy perennials, forming dense, spreading plants 2 to 3 feet high, thriving in any ordinary garden soil. The semi-double flowers, 3 to 4 inches across, are poised on stalks 1½ to 2 feet long, making them of exceptional value cut for vases, etc. The coloring of the flowers is a beautiful lilac-blue, shading to deep blue. Pkt. 15c lilac-blue, shading to deep blue . . .
- 3658 Japonica. A new hardy perennial from Japan, forming large bushes 2½ to 3 feet in height and breadth, with elegant light green foliage. Flowers 2 to 2½ inches across on long wiry stems 15 to 20 inches in length, of a beautiful mauve or lavender-blue. The plants, extremely free-flowering, produce their lovely flowers continuously from the end. of June until late in the autumn,

#### SCHIZANTHUS (Annual)

Showy half-hardy annuals, very decorative for garden beds and unsurpassed for the conservatory. The plant is a mass of brilliant flowers, in an extraordinary variety of colorings. The foliage of the plant is very delicate and fern-like and highly decorative in appearance. Our Hybrid and Wisetonensis strains are particularly valuable for pots and decoration, and the taller varieties produce a delightful effect when allowed to ramble on suitable supports.

the taller varieties produce a delightful effect when allowed to ramble on suitable supports.

3670 Dr. Badger's Giant Flowering Hybrids. A superb strain, robust and bushy, 1½ to 2 feet in height, with bright green, fern-like foliage. The flowers are unusually large, measuring from 1 to 1¾ inches across, and show an endless variety of bright colorings. The light varieties, white, pink, buff-rose or yellow have beautifully marked centers, zoned by a deeper shade. The darker sorts are of purple, mauve or red, with center lines of yellow or white, margined by a deep tone of the ground color. (See illustration.)

Mixed Colors. Pkt. 25c

3675 Wisetonensis Hybrids, Large-Flowering. Mixed Colors. Beautiful colors and combinations in great variety. Pkt. 15c

#### SEDUM ACRE Stonecrop (Perennial)

3676 A fine hardy perennial plant for rock gardens, having beautiful yellow flowers. Rockery is complete without this favorite plant, and it is also useful for garden edgings

#### SILENE (Annual)

3680 Pendula Compacta, Double. An effective garden annual forming compact round bushes, 6 inches high, which during the summer are covered densely with flowers of white, pink or red. For low beds or edgings it is very pretty. Mixed Colors......Pkt. 10c

#### SMILAX (Perennial)

3685 Charming tender perennial climber for greenhouse or window gardens; the foliage and stems are of a pleasing light green; very graceful. Excellent for decoration...Pkt. 10c

#### STATICE Sea Lavender (Annual)

These new varieties of the annual Sea Lavender are unusually charming when dried for winter bouquets. They are also valuable for growing in rockeries; plants attain a height of about two feet.

3692 Sinuata Atrocoerulea.	Dark blue	Pkt. 10c
	ow	
	ight red	
	namois. Beautiful chamois rose	
3698 Sinuata Rose. Brilliant	rose	Pkt. 10c

#### STEVIA SERRATA (Annual)

#### STOCKS "Beauty" or "Giant Nice" (Annual)

The plants are of fine symmetrical habit, bushy, and in flower stand about 2 feet in height. The side branches each carry a tall, strong spike well furnished with large, very durable clove-scented flowers. They do not flower as quickly from seed as Ten-week Stocks, the "Beauties" requiring from 12 to 15 weeks, but their profusion is phenomenal. When grown for winter flowering it is better to sow the seed in July or August. As cut flowers "Beauty" Stocks are

	Per 1,000 seeds	Pkt.
3703 Beauty of Nice. Exquisite flesh-pink.		15c
3704 Crimson King. Brilliant velvety crimson	. 75c	15c
3706 Light Violet. Extra fine	75c	15c
3707 Madame Rivoire. Double white	. 75c	15c
3708 Queen Alexandria. Rosy lavender	. 75c	15c
3709 Rose of Nice. Carmine-rose	. 75c	15c
3720 Mixed Colors	. 60c	15c

3721 Collection of Beauty Stocks. One packet each of the 6 separate varieties .... 75c

### STOCKS, Henderson's Colossal Ten Weeks (Annual)

Remarkably Free Blooming Large Double Flowers

This magnificent strain is without rival for open-ground planting, attaining a height of 2½ feet, the spikes of bloom are very long, and the individual flowers are very double.

These popular flowers are easily grown, and are so highly fragrant and of such great beauty, that they deserve a place in every garden. They should be given good rich soil to grow in, and will surely reward good treatment. (See illustration.)

3732 Blue Bells.	Pretty shade of	f blue	 	 Pkt. 15c
3733 El Dorado.				
3734 Grand Roug				
3736 Mount Blan				
3737 Rosy Morn.				
3740 Mixed. Bril	liant colors		 	 Pkt. 15c

3741 Collection of Colossal Stocks. One packet each of the 5 separate varieties, . . . . 60c

#### STOCKS, Large Flowering Ten Weeks (Annual)

Well-known annuals, for garden decoration; flowers double, of various colors and very fragrant. 

#### STOKESIA, The Hardy Perennial Corn Flower

As a single specimen or group in the border, or for beds or masses it is very attractive. Stokesia is of the easiest culture, blooming the first year from seed, and succeeding in any open sunny position. The plants grow from 18 to 24 inches high, flowering from July till late in October. The flowers, 4 to 5 inches across on long stems, are valuable for cutting. 







#### SWEET ROCKET, or Dame's Violet (Perennial)

Favorite, hardy, herbaceous plants, very effective in the garden border. The plants form large clumps 2 to 3 feet in height, covered with showy terminal spikes of flowers resembling Stocks. The colors range from white through lilac to pink and purple; splendid for cut flowers.

4440 Mixed Colors. Pkt. 10c

### SWEET WILLIAM (Annual)

The old favorite Sweet William, as all know, does not flower until the second year from seed, but this new type commences blooming in early summer from spring-sown seed and continues in flower for several weeks. The plants are of the same habit as the perennial kinds, producing fine heads of bloom of various clors—white, crimson, rose-pink, etc., many of which are broadly edged with white and sweetly fragrant. 

#### SWEET WILLIAM, Perfection (Perennial)

For many years the Sweet William (Dianthus Barbatus) has been esteemed as one of our finest hardy garden plants, being of easy culture, thriving in any good garden soil and lasting for years. The plants grow about 1 foot high and form fine clumps. (See illustration.)

454 Diadem. Deep rich crimson, with a well-defined white eye.....Pkt. 10c

4455 Double Large-flowering Perfection, Mixed. Extra choice from a fine collection.............Per 1,000 seeds, 60c; Pkt. 10c

4457 Harlequin. Large flowers of several colors are produced on one plant. Sometimes a head will be all of one color, but usually florets of different colors will be borne on one head.

#### TAGETES Signata Pumila (Annual)

## SUNFLOWER (Annual)

3777 Giant Russian. Immense single yellow flower...Per oz. 15c; pkt. 5c 3779 "Lilliput Hybrids." An improved race, forming branching plants,
3 to 4 feet high; producing freely long-stemmed flowers of perfect
form, 3 to 4 inches across. The colors vary from various shades of
yellow and include a percentage of flowers zoned, tipped or fringed
with red, rose, purple, etc. Per ½ oz. 15c; pkt. 5c

#### DOUBLE VARIETIES

3808 Double "Globes of Gold." (Helianthus Multiflorus, ft. pl.) A dwarf well-branched plant, 3 to 3 ½ feet in height. Each of the numerous branches carry large, double, globe-shaped, rich golden flowers of deep yellow.

Per oz. 50c; pkt. 10c

## "CUT-AND-COME-AGAIN" Dwarf-Branching (Annual)

#### Single Flowering Varieties

These are popular, not only for garden display, but for cut flowers. The plants form bushes 3 to 4 feet high, bearing a continuous succession of flowers from June until frost. The perfectly formed, single flowers, 3 to 4 inches across, are poised on long, graceful stems, which "vase" beautifully. They are easily grown, commencing to flower in a few weeks from seed.

## "CUT-AND-COME-AGAIN" Dwarf-Branching (Annual)

#### Double Flowering Varieties

These improved branching Sunflowers are popular, not only for showy display in the garden, but for cut flowers. The plants form many branched pyramidal bushes 3 to 4 feet high, bearing from base to summit a succession of double flower from June until frost. They are easily grown, commencing to flower in a few from June until frost. weeks from seed.

3816 Double Golden-yellow.......Per 1/2 oz. 50c; pkt. 10c 3820 Double "Cut-and-Come-Again." Mixed......Per ½ oz. 40c; pkt. 10c

#### THUNBERGIA Alata (Perennial)

4475 Rapid-growing climber, height 6 to 8 feet; the foliage is not affected by insects. A pretty vine for trellis, fences, rock-work, etc. Though a tender perennial, it is usually grown as annual. Mixed colors (Alata)....

#### TRITOMA (Perennial)

These are popular known as "Torch Lilies," "Red-hot Poker," "Flame Flowers," etc., and are among our showiest hardy plants, producing the brightest flowers of the autumn garden. They grow from seed and flower well the second year, commencing in May and continue to bloom throughout the summer and fall. The range in color is from pale lemon to orange and from salmon-pink, coral-red, etc., to crimson. The plants vary in height from 2 to 3 feet.

480 New Hybrids. Mixed Colors. Pkt. 25c
4482 Uvaria Grandiflora. (Red-hot Poker Plant), orange-red flowers on spikes 2 to 3 feet high. Pkt. 15c

#### VENIDIUM Fastuosum (Annual)

4483 It suggests the exotic splendor of its native Africa, and luxuriates in the glowing heat of the midsummer sun. The plants grow about two feet high and bear golden yellow sunflower-like blooms with black

#### VERBASCUM Plicatum (Perennial)

4484 A useful hardy perennial plant for grouping at the back of herbaceous borders; the long ribbed leaves are covered with silvery down, and the golden yellow flowers are borne in pyramidal spikes above. Pkt. 25c



#### VERBENA (Perennial)

#### VERBENA Henderson's Mammoth (Annual)

This distinct variety we originated. The average trusses measure 3 % inches across. They bloom freely, are vigorous in growth and for garden beds and massing they are unrivaled. Flowers of the most brilliant colors are produced continually from spring until late in the autumn. (See illustration.)

Mammoth	Auricula-	-eyed	Mixed.	A	variety	of colors,	each i	flower ha	ving
a large whit	te center					. Per 1,000	seeds,	50c; pkt.	10c
Mammoth	Pink					. Per 1,000	seeds,	50c; pkt.	10c
Mammoth	Striped.	Vario	us colors			Per 1,000	seeds,	50c; pkt.	10c
Mammoth	White					Per 1,000	seeds,	50c; pkt.	10c
Mammoth	Yellow					Per 1,000	seeds,	50c; pkt.	10c
Mammoth	Mixed					. Per 1,000	seeds,	40c; pkt.	10c
	a large white Mammoth Mammoth Mammoth Mammoth Mammoth Mammoth Mammoth Mammoth Mammoth	a large white center Mammoth Pink Mammoth Purple Mammoth Scarlet Mammoth Striped Mammoth White Mammoth Yellow	a large white center Mammoth Pink Mammoth Purple Mammoth Scarlet Mammoth Striped Vario Mammoth White Mammoth Yellow	a large white center Mammoth Pink. Mammoth Purple Mammoth Scarlet Mammoth Striped. Various colors Mammoth White. Mammoth Yellow.	a large white center Mammoth Pink. Mammoth Purple Mammoth Scarlet Mammoth Striped. Various colors Mammoth White Mammoth Yellow	a large white center  Mammoth Pink Mammoth Purple Mammoth Scarlet Mammoth Striped. Various colors Mammoth White. Mammoth Yellow	a large white center	a large white center       Per 1,000 seeds,         Mammoth Pink       Per 1,000 seeds,         Mammoth Purple       Per 1,000 seeds,         Mammoth Scarlet       Per 1,000 seeds,         Mammoth Striped       Various colors       Per 1,000 seeds,         Mammoth White       Per 1,000 seeds,         Mammoth Yellow       Per 1,000 seeds,         Per 1,000 seeds,       Per 1,000 seeds,	Mammoth Auricula-eyed Mixed.     A variety of colors, each flower have a large white center.     Per 1,000 seeds, 50c; pkt.       Mammoth Pink.     Per 1,000 seeds, 50c; pkt.       Mammoth Purple.     Per 1,000 seeds, 50c; pkt.       Mammoth Scarlet     Per 1,000 seeds, 50c; pkt.       Mammoth Striped.     Various colors     Per 1,000 seeds, 50c; pkt.       Mammoth White     Per 1,000 seeds, 50c; pkt.       Mammoth Yellow     Per 1,000 seeds, 50c; pkt.       Mammoth Mixed     Per 1,000 seeds, 50c; pkt.

4511 Collection, 6 varieties.....

#### VERONICA SPICATA or Speedwell (Perennial)

### VINCA ROSEA or Madagascar Periwinkle (Annual)

Handsome bushy plants, producing freely round single flowers 1½ inches across, suitable for either pot culture or sunny flower beds; flowers the first season if sown early indoors; height 1½ feet

eally	induors, neight 1/2 rece.					
	Rosea. Bright rose					
4524	Rosea Alba. White with rose eye	Per	1,000	seeds.	50c: pkt.	10c
4526	Rosea Alba Pura. Pure white	Per	1.000	seeds.	50c: pkt.	10c
	Mixed Colors					
Z330	WILLOW COLORS		-,000	occus;	Loc, prece	700

### VIOLET Sweet-Scented (Viola Odorata) (Perennial)

#### VIOLA Blue Gem or Jersey Gem (Perennial)

4534 The flowers, which have the appearance of large single violets, are produced on six-inch stems and in color are a pleasing shade of violet blue. It is one of the most persistent blooming plants in cultivation. If not permitted to go to seed it will produce quantities of flowers from May to frost. Thrives as well in partial shade as in a sunny location. (See illustration.) Pkt. 25c

#### VIOLA CORNUTA Pansy Violets, Tufted or Bedding (Perennial)

This improved strain (Viola cornuta grandistora hybrids) produces beautiful Pansylike blossoms, about one inch across, of great substance. The colors include white, lemon, orange, lavender, purple, blue, etc. Planted in masses or lines they form perfect mats covered with myriads of flowers from spring until cold weather. They are hardy perennial in character, throwing out new roots annually, fine for permanent beds, edgings, etc. Many of them are highly violet scented.

4535 Mixed Colors. Pkt. 15c

#### WALL FLOWER Double Early Wonder (Annual)

This splendid double-flowering variety has been obtained by crossing the Biennial Double Wallflower with the Paris annual variety. Seed sown indoors in January and February will produce flowering plants in July; March and April sowings bloom in August. They grow to a height of two and a half feet and the main spike is covered with double fragrant blossoms.

4541 Brown	Pkt. 25c
4542 Canary Yellow	Pkt. 25c
4544 Golden Yellow	Pkt. 25c
4546 Mixed	Pkt. 25c

SINGLE FLOWERING

#### WALL FLOWER (Perennial)

The charm and fragrance of Wallflower is much appreciated in Europe. They flower early, and are often called the true "harbingers of spring." They thrive in poor soil, but are not hardy and should be sown in a cold frame during the autumn months and transplanted to the open ground in the spring.

			DOUBLE	VARIETIES		
550	Large Double,	Mixed	Colors		Pkt	. 15

I	4551 Imported Collection of 6 Double Varieties
ł	-

SINGLE VARIETIES					
4561 Golden Mascot. Clear golden yellowPkt.	25c				
4562 Fire King. Vivid orangePkt.	25c				
4563 Ruby Gem. Rich ruby colorPkt.	25c				
4564 Vulcan. Bright crimson	25c				
4565 Large-flowering Single, Mixed Colors	10c				

#### WISTARIA, Chinese (Perennial)

4567 It is of luxuriant and rapid growth, bearing during the spring immense panicles of fragrant blue flowers in great profusion; grows to height of 75 ft....Pkt. 10c







## The "Gold Medal" Collection of GIANT DOUBLE DAHLIA-FLOWERED ZINNIAS

Shown in Colors on Opposite Page

(Awarded a Gold Medal 1924 by the Royal Horticultural Society of England)

The remarkable results obtained with this improved type of the popular flower, by thousands of our pleased patrons, has fully substantiated the claims advanced by us, for the New Dahlia-Flowered Zinnia is undoubtedly a majestic and beautiful flower.

The plant is striking and spectacular in appearance and distinguished for its vigor and sturdy growth, reaching a height of from 3 to 4 feet. The large magnificent blooms that greatly resemble Decorative Dahlias and average from 4 inches or over across, are borne on strong srems, clear of foliage, which makes them very desirable for cut flowers as well as garden decoration. It is indeed a valuable acquisition valuable acquisition.

4662 Buttercup. A rare shade of deep creamy yellow. (No. 6.)
4664 Dream. A beautiful shade of soft lavender, turning to purple as flower grows older. (No. 4.)
4666 Exquisite. An exquisite shade of light rose, deepening toward the center. (No. 2.)
4669 Meteor. A rich glowing red, suggesting the deep-toned shade of red velvet. (No. 3.)
4672 Oriole. Immense blooms of deep orange, crimson and gold. (No. 1.)
4674 Polar Bear. A pure cold arctic white. (No. 8.)
4676 Purple Prince. A fine deep purple. (No. 7.)
4678 Scarlet Flame. Fiery scarlet. (No. 5.)
4680 Giant Double Dahlia-Flowered Zinnia. All colors mixed. Pkt. 15c; per 500 seeds, 75c.

Price of any of the above named varieties, 15c per packet

4681 Collection—one packet each of the above 8 varieties \$1.00



## Zinnia, Henderson's New Giant (Annual)

These grand annuals are of the Giant or Mammoth-flowering type and are superior to the older varieties. Zinnias will grow and flourish even under unfavorable conditions. Given a fair soil, they will bloom continuously from July until frost.

The plants grow from 2 ½ to 3 feet high and are covered with myriads of densely double flowers measuring from 4 to 6 inches in diameter. Giant Zinnias are very suitable for beds, borders and cutting. (See illustration.)

4612 Crimson	4618 Scarlet Pkt. 10c
4614 Golden-yellowPkt, 10c	4622 Sulphur-yellowPkt. 10c
4615 Pink Shades	4626 WhitePkt. 10c
4616 Purple Pkt. 10c	4630 Mixed Colors
	Per 500 seeds, 50c; pkt, 10c

## Zinnia Lilliput or Pompon (Annual)

The increasing demand for Lilliput or Pompon Zinnias in the past season has prompted us to offer the three best colors, hoping to further popularize this charming type. Seed sown as soon as warm weather sets in will produce flowering plants in seventy-five days (See illustration.)

4642	Crimson Gem	Pkt. 10c
4643	Golden Gem	Pkt. 10c
4644	Salmon Gem	Pkt. 10c
4645	M2	. Dl.4 100

## Desirable Zinnias

4640 Zebra. Most of the flowers are striped, spotted and blotched with different shades, hardly any two plants producing flowers alike. Mixed Colors.

Per 500 seeds, 30c; pkt. 10c

4652 Picotee Giant Double. Very double flowers, measuring 4 inches or more in diameter, in the following colors: Orange, yellow, flesh and pink, each petal being tipped with a dark chocolate or maroon shade, giving the flowers a very pleasing appearance, resembling a Picotee Carnation. Mixed Colors... Pkt. 10c

orange with maroon tips....

## Zinnias, Improved Dwarf, Large-Flowering

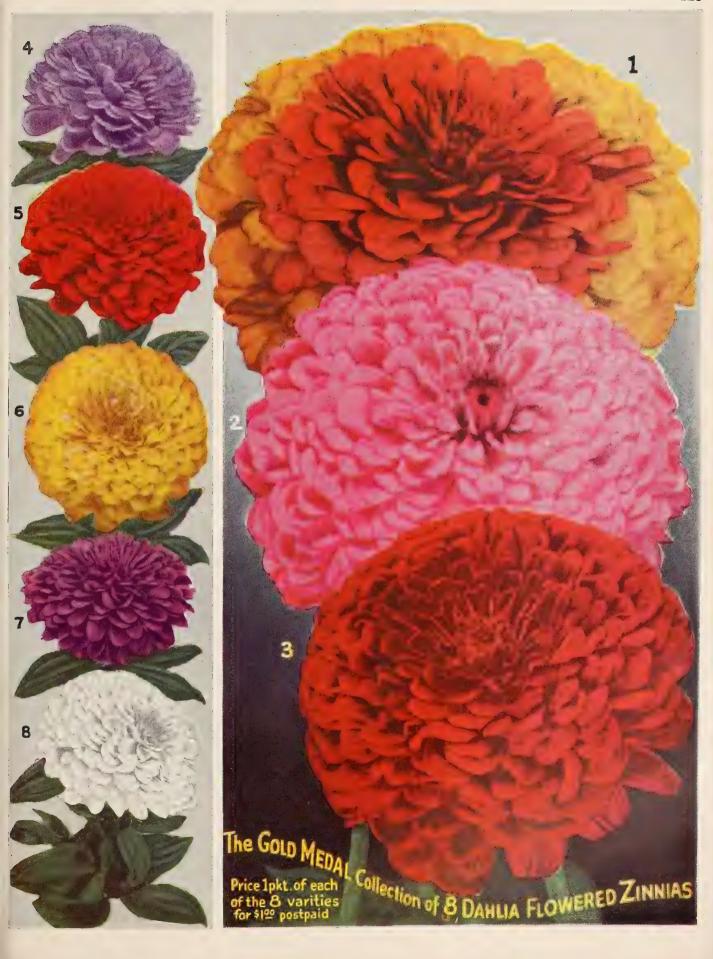
The plants form handsome, compact bushes 2 feet in height, with large perfectly

Tornica double nowers.		
4582 Crimson	Pkt. 5c 459	2 Salmon-rose Pkt. 5c
4586 Orange	Pkt. 5c 459	4 White
4588 Purple	Pkt. 5c 459	8 YellowPkt. 5c
4600 Mixed Colors		Per 500 seeds, 25c; pkt. 5c

4601 Complete Collection, 6 separate colors for.......25c

#### POT-GROWN PLANTS OF ZINNIAS

We can furnish pot-grown plants of Giant Zinnias, ready April 15th. Price, 15c each; \$1.50 per dozen. Purchaser pays the transportation. For complete list of pot-grown plants, see page 142.





# GENERAL LIST OF BULBS AND ROOTS 127

## The "Henderson" Collection of Ten Modern Gladiolus

Illustrated in Colors on Opposite Page and Described Below

This is a Grand Collection of moderate priced Gladiolus. All are of the modern large-flowering type, strong, healthy growing and free blooming. Every variety comprising the set is a gem. The colored page opposite conveys an idea of the wide range of exquisite coloring, but it does not begin to do the flowers justice; no brush can. They must be seen to be appreciated, and we hope a large number of our patrons will avail themselves of the opportunity to enrich their gardens the coming summer with this collection. Our leaflet "Garden Culture of Gladiolus" sent with each collection.

Prices—Transportation Paid	Each	Doz.	100	Prices—Transportation Paid	Each	Doz.	100
Betty Nuthall. A new variety popular wherever shown, the color is coral pink with light orange throat markings, several flowers are open at a time on strong spikes with heavy foliage.	\$0.15	\$1,50	\$12.00		\$0.15	\$1.50	\$12.00
Byron L. Smith. A beautiful variety having laven- der pink flowers with a creamy white throat; a most dainty sort	.08	.80	6.00	Minuet. Considered the best lavender in existence, six blooms generally open at once, strong spike and heavy foliage, a grand exhibition sort	.12	1.25	9.00
Dr. Frank E. Bennett. The best of its color, flowers are very large of a bright scarlet with white lines in the throat, well placed on spike		.80	6.00	Mme. Van Konynenburg. One of the best varieties originating in Holland. A popular shade of light blue, large flowers well placed on strong spikes.	.15	1.50	12.00
E. J. Shaylor. Very popular. A strong grower producing flowers of beautiful rose-pink, lower petals penciled rose-red. Considered one of the best varieties ever produced	.0,8	.80	6.00	Mrs. Frank Pendleton. A gladiolus garden would not be complete without this popular variety. Tall spikes of rose-pink flowers with carmine blotch on lower petals	.08	.80	6.00
Golden Dream. A vigorous grower; flowers beautiful deep yellow. One of the best of its color	.08	.80	6.00	striped scarlet. A wonderful sort with tall showy spikes, blooms often five to six inches in diameter	.08	.80	6.00

Collection A. 10 Bulbs, one of each variety, \$1.00 Transportation Paid

Collection B. 60 Bulbs, six of each variety, \$5.00 Transportation Paid

## **NEW INTRODUCTIONS**

All of these are very high class and of great beauty and have been awarded prizes and Certificates of Merit at various Gladiolus and Flower Shows.

		,					
Prices—Transportation Paid	Each	Doz.	100	Prices—Transportation Paid	Each	Doz.	100
Albatross. Unquestionably one of the best and largest white gladioli; flowers are absolutely without blotches or throat-markings and of good substance Commander Koehl. Dark scarlet blood red. Tall	\$0.30	\$3.00	\$22.50		\$0.12	\$1.25	\$9.00
spike, with several flowers open at the same time. Considered as one of the very best dark reds	.50	5.00		Pfitzer's Triumph. Enormous blooms of a bright salmon-orange color, with small deeper throat blotch. Almost a self color, two to four blooms			
Dr. Nelson Shook. Deep tyrian rose. A giant in plant and flower	.10	1.00	7.50	open at once. As an outdoor flower it needs staking to withstand rain and wind. It has created a great sensation in the exhibitions	.12	1,25	9.00
La Paloma. Early, brilliant orange of an unusually rich and attractive shade. Tall spike; long flower head, with florets four and one-half to six inches across.	.25	2.50	18.00	Pride of Wanaka. Very large, beautiful lavender	.12	1.50	12.00
Mother Machree. Beautiful lavender, overlaid with shade of salmon-pink towards the edges; difficult to describe, but very attractive; might be called a smoky. Large, well-placed flowers; six to ten open at a time, borne on tall, strong stems. Should be	10	2.00	22.50	Salbach's Pink. Glowing geranium pink with soft carmine tongue and throat markings; petals slightly recurved; large, wide open flowers; tall, graceful spike, with six or eight open at a time. One of the	.25	2.50	18.00
Pearl of California. Clear La France pink, blending to a rosy white throat; as many as ten to twelve	.30	3.00	22.50	Victor. Brilliant scarlet, with large, conspicuous, pure white blotches on lower petals; six extra large		2.50	10.00
large flowers open at a time, making a bouquet in itself. A real wonder; no garden complete without it.	.15	1.50	12.00	well-opened flowers open at once on strong spike; exceptionally vigorous grower	.15	1.50	12.00

## **PRIMULINUS HYBRIDS**

These Hybrids are early flowering, extremely graceful and profuse in bloom and provide a most enchanting array of artistic colors.

Prices—Transportation Paid	Each	Doz.	100	Prices—Transportation Paid.	Each	Doz.	100
Alice Tiplady. A grand primulinus variety of a beautiful orange-saffron color	\$0.05	\$0.50	\$3.50	Maiden's Blush. Exquisite blush pink. Very free flowering and exceedingly early; the best of all early pink Primulinus.	\$0.05	\$0.50	\$3.50
Dorothy Wheeler. Same form and size as Alice Tiplady, but taller. Superb shade of pink. Easy forcing variety		.80	6.00		.08	.80	6.00
Annie Laurie. Lovely, delicate ruffled pink	.08	.80	6.00	Orange Queen. Purest apricot of a very warm tint; large, open flowers on good stem; justly con- sidered one of the very choicest grandiflora prim-	0.0	00	6.00
Apricot Glow. Very tall apricot	.08	.80	6.00	Rose Mist. Beautiful rose with a silver sheen. Grand	.08	.80	6.00
Copper Bronze. Old copper and bronze; very rich color	.08	.80	6,00	prim. Best in color class	.08	.80	6.00
Golden Frills. Deep daffodil yellow with flame colored blotch. Highly ruffled	.08	.80	6.00	Souvenir. Most superb deep yellow self. Tall- stemmed large hooded flowers facing forward, 4 to 6 open at the same time. Early	.05	.50	3.50
Orange Butterfly. A glowing, bronzy orange. Prim. Tall spike with many florets open	.15	1.50	12.00	Mixture. A grand collection of popular tints Per 1,000, \$27.50.		.40	3,00

## Henderson's Gladiolus Up-to-date Named Varieties Some of these are illustrated in Colors on page 126

The list of named Cladiolus offered on this and the succeeding pages comprises our choice in the fields after studying and comparing the merits of hundreds of varieties, consideration, being given to healthy growth, size, form, coloring and substance of flowers, properly spaced and faced on strong, straight, upright spikes, etc. We therefore believe that this selection of up-to-date named Gladiolus is unsurpassable.

All Gladiolus Bulbs are Delivered Transportation Paid.

#### Our Prices for Gladiolus Bulbs Are Much Lower for 1933 Because of Lower Production Costs.

Prices				er for 1933 Because of Lower Production Costs				
America. Exquisite soft pink, glistening in the sunlight as if sprinkled with diamond dust. A touch of Tyrian rose ornaments the throat. Strong	Each	Doz.	100	Le Marechal Foch. Enormous flowers of a beautiful delicate pink, the finest variety of its color in existence.	Each \$.05	Doz.	100 \$ 3,50	
grower, free bloomer, tall, well furnished spike	\$ .05	\$ .50	\$ 3.50	Los Angeles. Beautiful shrimp pink with glowing	\$.03	\$ .50	3 3.30	
Baron Hulot. Full round flowers of rich velvety purple-violet, lighter in the throat; a small golden rib through the lower petals is contrastingly effective.	.10	1.00	7.50	orange carmine blotch in throat, tall and graceful stems. One of the best forcing varieties for florists, most bulbs blooming with two spikes	.05	.50	3.50	
Berty Snow. Large flowers of a beautiful soft lavender, of good substance on strong spikes. A prize winner wherever shown	.12	1.25	9.00	Minuet. Considered the best lavender in existence, six blooms generally open at once, strong spike and heavy foliage, a grand exhibition sort. (See color plate, page 126)	.12	1.25	9.00	
<b>Betty Nuthall.</b> This is an extremely popular new variety wherever shown, the color is coral pink with light orange throat markings, several flowers open at a time on strong spikes with heavy foliage. (See color plate, page 126)	.15	1.50	12.00	Mme Van Konynenburg. One of the best varieties originating in Holland. A popular shade of light blue, large flowers well placed on strong spikes. (See color plate, page 126)	.15	1.50	12.00	
Byron L. Smith. A beautiful variety having lavender pink flowers with a creamy white throat; a most dainty sort. (See color plate, page 126)	.08	.80	6.00	Mrs. Dr. Norton. La France pink, shading to very pale pink at throat. Lower petals have deep cream bases with carmine pencilings	.05	.50	3.50	
Caruso. Orange red. Earliest of all red Gladiolus.  Large flowers, fine spike, strong stem. A real good				Mrs. F. C. Hornberger. A large flowering popular pure white variety and a big prize winner	.10	1.00	7.50	
One.  Charles Dickens. A German origination of great merit. Very tall straight spike with large flowers	.12	1.25	9.00	Mrs. Francis King. A most beautiful and vivid pink; 18 to 20 immense flowers borne on a long, strong spike	.05	.50	3.50	
of brilliant purple.  Crimson Glow. The flowers of this vivid scarlet red Gladiolus are produced on full, long spikes and develope wide open. An exhibition and garden	.10	1.00	7.50	Mrs. Frank Pendleton. A gladiolus garden would not be complete without this popular variety. Tall spikes of rose-pink flowers with carmine blotch on lower petals. (See color plate, page 126)	.08	.80	6.00	
Dr. Frank E. Bennett. The best of its color, flowers are very large of a bright scarlet with white	.05	.50	3.50	Mrs. Leon Douglas. Beautiful salmon-rose flowers, striped scarlet. A wonderful sort with tall showy spikes, blooms often, 4 to 5 inches in diameter and one of the most popular sorts grown. (See color	0.0	00		
lines in the throat, well placed on spike. (See color plate, page 126)  E. J. Shaylor. A very popular variety, strong grower producing flowers of a beautiful rose-pink,	.08	.80	6.00	plate, page 126)	.08	.80	6.00	
lower petals pencilled rose-red. Considered one of the best varieties ever produced. (See color plate, page 126)	.08	.80	6.00	deep rich red. Buds almost black before they open	.10	1.00	7.50	
Evelyn Kirtland. A rare shade of rosy pink, darker at the edges, fading to shell-pink at the center with brilliant scarlet blotches on lower petals. Very tall spike. Extra fine form and color.	.05	.50	3.50	Gladiolus, having large waved flowers of rosy- orange color, lighter in throat distinct	.08	.80	6.00	
Fay Lanphier. Color, a warm watermelon pink suffused coral, often having a crystalline texture				blotch on lower petal and pale lilac featherings	.05	.50	3,50	
on the petals as if frosted, with flowers, often 4 or 5 inches broad. It has tall, strong spikes on which many flowers open at one time	.08	.80	6.00	Persia. Deep mahogany red, almost black  Purple Glory. Deep velvety maroon red with	.08	.80	6.00	
Fern Kyle. Creamy white; large, heavily ruffled flowers, many open at a time on long, strong stem; a wonderful refined variety	.08	.80	6.00	almost black blotches. Ruffled	,08	.80	6,00	
Giant Nymph. Very large light pink flowers with a creamy throat, open flowers on strong stems	08	.80	6.00	light yellow, spotted ruby	.05	.50	3.50	
Golden Dream. A vigorous grower, flowers beau- tiful deep yellow, one of the best of its color. (See color plate, page 126)	.08	.80	6.00	Scarlet Wonder. This is without doubt the most beautiful scarlet variety yet introduced. Grows 4 to 5 feet high, with broad stalky dark green foliage, and compact truss of great rich fiery crim- son flowers.	.08	.80	6.00	
Golden Measure. Pure golden yellow, very large flowers of good substance; robust grower and con- sidered one of the best yellows on the market	.08	.80	6.00	Schwaben. Light yellow with small red blotch. The best flowering sort of this color	.05	,50	3.50	
Halley. Immense flower of bright orange-rose and having a softer yellowish tint in the throat	.05	.50	3.50	Trudel Grotz. Another German origination with immense flowers of bright rich salmon pink	.10	1.00	7.50	
Heavenly Blue. A German origination of a beau- tiful delicate light blue. Probably the nearest to blue ever introduced	.20	2.00	15.00	Veilchenblau. The leading Blue Gladiolus. The first large vigorous violet blue Gladiolus. Has a darker blotch on the lower petals, which adds to				
Herada. Pure glistening mauve with deeper markings in throat	.05	.50	3.50	darker blotch on the lower petals, which adds to the beauty of the flower. Color suggests that of the Iris	.15	1.50	12.00	
Hollyhock. A striking novelty of merit. Color white with just enough cream to give character. Lower petals blotched violet-red. The large, round ruffled flowers are apt to be top heavy and the spikes should always be securely staked. Wonderful except flower.	20	2.00	15.00	War. A magnificent variety of rich ox-blood red; shaded with darkest crimson	.05	.50	3.50	
ful as cut flower  Joerg's White. Beautiful large flowers, the finest of the pure white petalled varieties, lower petal	.20	2.00	15.00	with lightly speckled ruby throat markings. From twelve to twenty florets open at a time	.08	.80	6.00	
shaded creamy yellow in the throat. A wonderful exhibition flower measuring five inches across. (See color plate, page 126)	.15	1.50	12.00	Henderson's Extra Choice Rainbow Mixture. Our best mixture. A well blended combination of all colors and shades.  Per 1,000, \$27.50		.40	3.00	

## HARDY LILIES (Lilium Vars)

## Majestic and Charming in the Hardy Garden

Lilies are stately and most beautiful bulbous plants—producing large flowers of exquisite outline and varied coloring. They are hardy even in cold locations with protection, usually surviving for many years. Ideal locations are in the shrubbery or herbaceous border where the roots are sheltered from the hot sun. Groups of 6 or more lilies of a kind, here and there, in such situations are most effective. Large isolated clumps or beds of the varieties Auratum, Henryi, Regale, Speciosum, Tigrinum, etc., are also very beautiful. They should be planted just as soon as the ground can be worked 6 to 8 inches below the surface in light soils, or 4 to 5 inches below in heavy soils; in the latter case the bulbs should be surrounded by sand to facilitate drainage.

Lilium Auratum. (The Golden Rayed Lily of Japan.) The flowers are pure white, thickly studded with crimson spots, while through the center of each petal runs a clear golden band. Fully expanded, the flowers measure nearly, a foot across and, possess a most delicious fragrance. Season of bloom from July to October. 3 to 5 feet. (See illustration.) Extra size bulbs, 45c each; \$4.50 doz.; \$32.50 per 100.

Lilium Elegans Mixed Varieties. A fine dwarf Japanese variety of easy culture. Colors shading from yellow to deep blood red. Flowers June-July. 20c each; \$2.00 doz.; \$15.00 per 100.

Lilium Henryi. (The Yellow Speciosum.) A new rare and very beautiful Lily from China. It is very hardy, and without doubt one of the best Lilies for garden cuture. The flower stalks, 3 to 5 feet high, carry 5 to 8 large flowers each, rich apricot-yellow, lightly spotted with brown. The shape and size of the flowers has suggested the name "Yellow Speciosum." 50c each; \$5.00 doz.; \$37.50 per 100.

Lilium Longiflorum Giganteum. The well-known, beautiful snow white fragrant, hardy garden Lily. Flowers trumpet-shaped, 6 to 8 inches long; height 1½ to 3 feet. Extra size bulbs, 45c each; \$4.50 doz.; \$32.50 per 100.

Lilium Regale ("A Royal Beauty"). The flowers are white, slightly suffused with pink, with a beautiful shade of canary yellow at the center; blending out part way up the trumpet. The fragrance is fascinating. A splendid hardy Lily for the garden, flowering about July 1st. Well-grown bulbs often produce five to eight blooms. (See illustration.)
50c each; \$5.00 doz.; \$37.50 per 100.

"I am sending to you a photograph (which we print on this page) of my Regale lilies raised from bulbs I purchased from you.
"Three of the stalks measure five-feel eight inches in height, each of them carries more than thirty lilies and buds. This is the third year they have bloomed."

Mrs. W. C. Sumpler,

Boyling Green, Kan

Bowling Green, Ky.

**LILIUM SPECIOSUM, or Lancifolium.** The varieties of L. Speciosum or Lancifolium are perhaps the most popular Lilies grown. They are easy of cultivation, and produce large flowers of delicate beauty on strong stems; height, from 2 to 4 feet; blooming in August. The varieties are: (See illustration.)

L. Album. White. Extra size bulbs, 50c each; \$5.00 doz.; \$37.50 per 100.

L. Rubrum (Roseum). White, shaded and spotted with rose and red. Extra size bulbs, 50c each; \$5.00 doz.; \$37.50 per 100.

L. Melpomone. Rich blood-crimson, heavily spotted. Extra size bulbs, 50c each; \$5.00 doz.; \$37.50 per 100.

TIGRINUM Splendens. (Improved Tiger Lily.) The grandest of the Tigers, black polished stem. Very large pyramids of flowers, orange red, spotted with black, 3 to 5 feet high. Blooms in August. 25c each; \$2.50 doz.; \$18.00 per 100.

**L. Flora Plens.** (Double Tiger Lily.) Double bright orange-red flowers spotted with black. Blooms in August. 30c each; \$3.00 doz.; \$20.00 per 100.

Lilium Umbellatum. Of strong, sturdy habit, growing from 2 to 3 feet high, having large showy flowers in clusters at the summit, flowering in June and July. The colors range through all shades of red from rose to blackish-crimson, yellow, buff, orange, etc., many being spotted. Mixed colors. 20c each; \$2.00 doz.; \$15.00 per 100.









Caladium

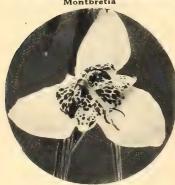


Cinnamon Vine





Montbretia



Tigridia

## These Bulbs Grow Quickly—Easy Culture

The bulbs offered on this page include some of our showiest garden flowers. They are of easiest culture; planted in spring in good garden soil, they flower with great certainty during the summer and fall. They are also very useful to fill up vacant spots in a hardy border of perennials, adding to it a dash of color. After the tops have been killed off by frost, all of the bulbs (with the exception of Cinnamon Vine) should be taken up and stored in the cellar over winter, as they are not hardy.

#### CALADIUM ESCULENTUM.

"Elephant's Ear." Grand tropical-looking plant. A favorite for specimens on the lawn, or for bordering large sub-tropical groups. They produce enormous leaves, frequently 4 feet long by 3 feet wide; height, 4 to 5 feet. Plant after the ground has warmed up, and take up before frost. (See illustration.)

First Size. Price, 25c each; \$2.50 per doz.

Extra Size. Price, 40c each; \$4.00 per doz.

Transportation paid.

CINNAMON VINE. A beautiful, hardy climber for anything on which the vines can twine; it grows from 15 to 30 feet high, and when established the vines attain a much greater length. The leaves are green, thick and glossy, always clean, healthy and free from insects. The white flowers, while insignificant, emit a delightful cinnamon-like perfume. The roots are quite hardy and, although the stems die down in winter, the vines shoot up with great rapidity in the spring, and cover trellises or arbors quite early in the season. (See illustration.)

Price, extra large, 2-year-old roots, 20c each; \$2.00 per doz.; transportation paid.

CRINUM Kirkii. Produces flowers of the greatest beauty. Usually two flower stalks of dark purplish color are sent up at the same time, each bearing a large umbel of enormous lilylike flowers of white, with a reddish purple stripe through the

Extra large bulbs, 50c each; \$5.00 per doz.; trans-

HYACINTHUS Candicans. A luxuriant-growing, summer-flowering plant, spreading 2 to 3 feet, throwing spikes 4 to 5 feet in height, each bearing 20 to 30 large, white, bell-shaped flowers, splendid for groups. If planted in the center of beds of scarlet Gladiolus, the effect is magnificent.

Price, 15c each; \$1.50 per doz.; \$12.00 per 100; transportation paid.

ISMENE CALATHINA (Peruvian Daffodi). Handsome clusters of large, very striking, fragrant, pearly white flowers. Bulbs should be kept warm and dry and planted out in the middle of May. They will then commence flowering in July. It is also admirably adapted for pot culture. (See illustration)

Price, 25c each; \$2.50 per doz.; transportation paid.

MADEIRA VINE. The old favorite. "Climbing Mignonette," so much prized for porches and arbors on account of its rapid growth and freedom from insects. Thick, glossy leaves, and long, hanging stems of feathery, fragrant, white flowers. The tubers we offer are selected large size.

Price, 15c each; \$1.50 per doz.; \$12.00 per 100; transportation paid.

#### MONTBRETIA

The Montbretia is one of the most floriferous and show of summer-flowering bulbous plants, producing in great numbers, graceful spikes 8 to 12 inches long, each spike bearing from 18 to 30 exceedingly showy, star-shaped flowers, 1½ to 2 inches across. (See

Fire King. Large flowers of a glowing scarlet red; decidedly one of the most beautiful. Price, 10c each; \$1.00 per doz.; \$7.50 per 100.

George Davison. The stems are from 3 to 4 feet high; very branching, bearing lovely, pale orange-yellow flowers, widely expanded. Price, 12c each; \$1.25 per doz.; \$9.00 per 100.

#### MONTBRETIA—Contd.

Golden West. Produces tall, branching spikes and large, well open flowers of a most beautiful pure golden yellow, without the least spot or shade; strong grower. Price, 12c each; \$1.25 per doz.; \$9.00 per 100.

Lady Hamilton. Very floriferous yellow, the center is suffused with a ray of rosy apricot; strong grower; fine and distinct. Price, 15c each; \$1.50 per doz., \$12.00 per 100.

Lord Nelson. Deep orange-scarlet, externally crimson, eye yellow; large flower, very beautiful; the stems are dark, much branched and 3½ feet high. Price, 15c each; \$1.50 per doz.; \$12.00 per 100.

Majori. New, pale orange with crimson markings.
Price, 15c each; \$1.50 per doz.; \$12.00 per 100.

Rosea. Bright salmon rose; distinct. Price, 12c each; \$1.25 per doz.; \$9.00 per 100.

Mixed Hybrids. Containing a fine assortment of yellow, orange and scarlet shades. Price, 8c each; 80c per doz.; \$6.00 per 100; transportation paid.

#### TUBEROSE

Albino, Single, Early Flowering. A single white tuberose. It commences to flower in July and August, throwing from two to five flower spikes from a single bulb. Beautiful for gardens and a splendid

cut flower.

Price, 10c each; \$1.00 per doz.; \$7.50 per 100; transportation paid.

transportation paid.

Pearl, Henderson's Double Dwarf. Plant is dwarf, growth stocky, the flower spikes attaining a height of about 2 feet, and are compactly filled for two-thirds their length with very large, perfectly double flowers 1½ to 2 inches across, or nearly twice the size of the old sort. The flowers have the wax-like substance of a camelia, are glistening white and deliciously fragrant. The bulbs planted in the garden in May, in warm rich soil, in a sunny position, flower with great certainty in the fall. If early flowers are wanted, the bulbs may be started in pots in the house from February to April, removing the plants to open ground when it is warm enough in May. (See illustration.)

Price, extra large flowering bulbs, 8c each; 75c per

illustration.)

Price, extra large flowering bulbs, 8c each; 75c per doz.; \$5.00 per 100; transportation paid.

Silver Leaf. Showy and effective, even when not in bloom, the foliage being distinctly striped white and green. Each bulb frequently throws up two or more spikes, 3 to 4 feet high, each bearing several pure white, single, waxy flowers, delicately perfumed. They flower several weeks earlier than double tuberoses.

Price, 10c each:

Price, 10c each; \$1.00 per doz.; \$7.50 per 100; transportation paid.

TIGRIDIA
or Shell Flowers.
Extremely handsome summer flowering bulbs, growing about 2 feet
high, producing
large, gorgeous
flowers in shades
of yellow, orange
and red, exquisitely
spotted, flowering
veryfreelythroughout the summer.
(See illustration.)
Price, 15c each;

Price, 15c each; \$1.50 per doz.; \$12.00 per 100.

### OTHER BULBS AND ROOTS

Begonia, see page 141. Caladium, fancy-leaved, see page 141. Canna, see page 140. Dahlia, see pages 136 to 139. Dielytra or Bleeding Heart, see page 143. Gloxinia, see page 141. Iris, see page 144. Peony, see page 144.



Tuberose Pearl

## DEPARTMENT OF PLANTS, SHRUBS, SMALL FRUITS, ETC. 131

The Prices of Plants are Lower for 1933

PLEASE READ CAREFULLY BEFORE ORDERING
We will ship plants by Parcel Post or Prepaid Express if
10 per cent is added to the catalogue price for points east,
and 20 per cent for points west of the Mississippi River. Otherand 20 per cent for points west of the Mississippi River. Other-wise we will forward plants by Express, buyer to pay express charges on delivery. We do not ship plants C. O. D. Purchaser pays transportation on Roses.

We guarantee the safe arrival of all plants sent by Express or Parcel Post to all points in the United States. Should anything be injured in transit, we urge our customers to notify us at once on receipt of the goods, and in every case send us a list of what has been damaged so that we can replace them. But when they arrive in good condi-tion our responsibility ceases, and if from inattention or other causes they fail and complaint is then made we cannot replace them.

The Outstanding Rose Introduction for 1933

## NEW EVERBLOOMING SCARLET CLIMBING ROSE

Shown in Colors On Page 2 of Cover

BLAZE" Granted the U. S. Plant Patent No. 10

A seedling of two immensely popular roses, Gruss and Teplitz, and Paul's Scarlet Climber. Blaze possesses the free-blooming qualities of Gruss and Teplitz—which is considered the most floriferous everblooming rose in cultivation—and the vigorous climbing habit, the beautiful foliage and the extreme hardiness of the latter parent.

Its color is brilliant scarlet. The flowers, which are produced continuously from June to late fall average about three inches across, are slightly fragrant and have good lasting qualities. It is very desirable as a cut flower for it can be cut in long artistic sprays which are admirably adapted for decorative purposes. Blaze carries the U. S. plant patent No. 10.

Price 2-year-old field-grown dormant plants, supplied up to April 15th, \$2.00 each. 2-year-old pot-grown plants, \$2.25 each. Extra-size pot-grown plants, \$3.00 each.

#### Recently Introduced Roses **Everblooming Varieties** CHARLES P. KILHAM

A striking novelty which will appeal to every rose lover. The buds are pointed, opening to perfectly formed, full double flowers of a rich oriental red, flushed with orange and glowing scarlet. A vigorous grower, sweetly scented. (See illustration.)

Price, 2-year-old, pot-grown plants, \$1.25 each; \$12.00 per doz.

#### **EDITH NELLIE PERKINS**

The outside of the petals is cream and blush shaded, with orange at the base; the inner face is salmon-pink with golden-orange at the base. The flowers are moderately double, produced on long stems and sweetly scented. Owing to its free-blooming habit, it must rank as one of the best garden roses yet raised.

Price, 2-year-old, pot-grown plants, \$1.25 each; \$12.00 per doz.

#### J. C. THORNTON

The flowers are held erect and they keep well when cut. The buds expand into large flowers of perfect form, with petals arranged so as to show a well pointed center. Color, bright glowing crimson-scarlet. Erect branching habit.

Price, 2-year-old, pot-grown plants.

\$1.25 each; \$12.00 per doz.

#### JOANNA HILL

A new rose which has gained a well-merited reputation as a winter cut flower. We believe it will prove equally valuable for the garden. The buds are long and pointed. They open into large, full, semi-double flowers. The color is clear yellow with orange-yellow at the heart.

Price, 2-year-old, pot-grown plants, \$1.25 each; \$12.00 per doz.

#### MRS. SAM McGREDY

A scarlet coppery orange, heavily flushed with Lincoln red, which is particularly brilliant in sunshine. The flowers are large and full, and are delicately scented. Awarded Certificate of Merit of the National Rose Society of England.

Price, 2-year-old, pot-grown plants, \$1.50 each; \$15.00 per doz.

#### OLYMPIAD

An outstanding novelty for 1932. This rose was shown in France under the name Mme. Raymond Gau'ard. The color is lustrous dark oriental scarlet; its warmth accentuated by a bright golden base. The richness is further intensified by a velvety sheen that renders the flower very effective in artificial light. (See illustration.) Price, 2-year-old, pot-grown plants, \$1.50 each; \$15.00 per doz.

#### TADOWN FRAGRANCE

Introduced by McGredy & Sons in 1931. Distinct and delightfully fragrant. It forms a fine bush and flowers freely. Color, bright orange-scarlet, passing to bright rose towards the edge of the petals.

Price, 2-year-old, pot-grown plants, \$1.50 each; \$15.00 per doz.

SPECIAL: The Set of Seven Recently Introduced Roses Described Above for \$8.00



shade of flesh pink on the outer surface, deepening to rosy flesh in the center like the Dr. W. Van Fleet. It is also identical with its parent in size and formation of its

flowers and habit of growth.

In addition, it blooms continuously through the summer and fall months. The originators have been granted a patent under the new Patent Laws to control its propagation. No license to reproduce this variety is granted.

Price, 2-year-old, field-grown, dormant

plants, supplied up to April 15th, \$1.50

2-year-old, pot-grown plants, 1st size, \$2.00 each.

2-year-old, pot-grown plants, 2nd size, \$1.50 each.

#### MAX GRAF

(Trailing Hybrid Rugosa Rose.) Valuable as a ground cover or for planting on steep banks. The foliage resembles the Rosa Rugosa and remains green until late fall. Flowers are single, bright pink, with pretty crimped petals. Grows well

in partial shade under trees.
Price, 2-year-old, pot-grown plants, 85c each; \$8.50 per doz.





#### CALEDONIA

Introduced by Dobbie & Co. in 1928. Gold Medal, Scottish Rose Society, and Certificate of Merit, National Rose Society of England. when first opening are slightly tinted lemon, but this changes to pure white as they develop. A fine garden (See illustration.)

#### DAME EDITH HELEN

This grand rose is quite distinct and delightfully fragrant. Its petals turn back with that beautiful reflex peculiar to La France. Color a brilliant yet soft Rose du Barri pink.

#### DOUBLE WHITE KILLARNEY

A pure white "sport" from the pink Killarney; equal A pure white sport from the pink Khiarney; equal to it in all the good points of the latter, superior to it in some. One strong point of superiority is that it has more petals than the parent variety, and these petals are of greater substance, so it is of greater value for outdoor bedding. The buds and flowers are beautiful beyond description; many consider it easily the finest white garden rose in cultivation.

#### DUCHESS OF WELLINGTON

The ground color is chrome-yellow, through which run veins of rich orange and shadings of the same running into the rich yellow.

EVEREST, see description on page 134 and illustration in colors on page 135.

#### FEU JOSEPH LOOYMANS

The delightfully fragrant flowers are carried on long, stiff stems. The buds are long and pointed, brilliant orange buff color, and open into moderately double yellow flowers with apricot center.

#### JAMES GIBSON

Introduced by McGredy & Son in 1928. A glowing crimson-scarlet with a velvety sheen. It flowers profusely all season, is remarkably healthy and vigorous; almost immune from all diseases. (See illustration.)

#### JONKHEER J. L. MOCK

A fine rose for any purpose. Color is carmine to imperial pink. A strong, healthy grower, carrying its flowers on long, stiff stems; they are full, of great size, having great substance and depth of petal, with high center; very fragrant.

# POT GROWN **EVER-BLOOMING ROSES**

### A SELECTION OF SUPERIOR MERIT

READY FOR SHIPMENT DURING MARCH, APRIL, MAY AND JUNE

Our Pot-grown Roses are superior to the Roses usually sold because they are cut back and potted early in the fall, giving ample time for root action and to allow the plant to grow naturally. They are sturdy and compact and when sent by express with the soil on the roots transplanting scarcely checks their growth. Send for our free pamphlet, "The Garden Culture of the Rose."

JOHN RUSSELL, see description on page 134 and illustration in colors on page 135. LADY FORTEVIOT, see description on page 134 and illustration in colors on page

#### LADY MARY ELIZABETH

A variety of outstanding merit. Of strong, vigorous, upright branching habit, with good healthy foliage and very prolific flowering. Flowers delightfully fragrant. Long pointed buds with deep substantial petals, in color a brilliant carmine pink.

#### LOS ANGELES

This is, by all odds, one of the finest roses ever introduced. The growth is very vigorous and produces a continuous succession of long-stemmed flowers of a luminous flame-pink, toned with coral and shaded with translucent gold at the base of the petals. In richness of fragrance it equals in intensity the finest Marechal Niel. The buds are long and pointed, and expand into a flower of mammoth proportions.

#### LUCIE MARIE

A new rose introduced by Alex. Dickson & Son in 1930. Buds long and pointed deep yellow splashed with red. As the outer petals unfold the inner face is yellow with coppery venation. Awarded Certificate of Merit, National Rose Society of England.

MARGARET McGREDY, see description on page 134 and illustration in colors on page 135.

MARION CRAN, see description on page 134 and itustration in colors on page 135.

#### McGREDY'S SCARLET

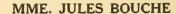
Introduced by McGredy & Son in 1930, a new rose that yields in greatest profusion throughout the season. The flowers are a good size, full and double. Color, brilliant scarlet with orange-yellow at the base of the petals, the upper portions of same, being lightly touched with crimson.

#### MME. BUTTERFLY

A sport from Ophelia, retaining all the good qualities of its parent, but with deeper shadings of apricot and gold on the salmon-pink ground.

#### MME. EDOUARD HERRIOT

In the bud it is coral-red, shaded with yellow at the base; the open flowers, coral-red, shaded with yellow and bright rosy scarlet, passing to shrimpred. Flowers of medium size, well formed and not too full. The plant is a most vigorous grower, of a spreading, branching habit, with ample bronzygreen foliage.



A splendid rose that should be in every garden. Color, salmon-white, center shaded rose. Large and full, well-formed flowers.

MRS. A. R. BARRACLOUGH, see description on page 134 and illustration in colors on page 135.

MRS. ERSKINE PEMBROKE THOM, see description on page 134 and illustration in colors on page 135.

MRS. H. BOWLES, see description on page 134 and illustration in colors on page 135.



Prices for any of the above strong 2-year old pot-grown plants, 85c each; \$8.50 per doz. Purchaser pays transportation charges on plants. See notice top of page 131.

### POT-GROWN ROSES OF PROVED MERIT-Continued

Mrs. Wakefield Christie-Miller. Color inside of petal soft pearly-blush shaded salmon, outside of petal clear vermillion-rose—a marvelous and delightful scheme of coloring. The blooms are of enormous size, retaining their wonderful bright coloring in the hottest sun. (See illustration.)

President Hoover. Strong, vigorous growth. Flowers large and full. Color, a combination of cerise-pink, flame, scarlet and yellow, in beautiful contrast which brings out the strong individuality of this charming rose.

President Jac Smits. A Hybrid Tea Rose of great promise. It is a strong and healthy grower and a constant bloomer. The color exceptionally long pointed buds on long stems.

Radiance. "Radiance" is a brilliant rosy-carmine, displaying beautiful, rich and opaline pink tints in the open flower; the form is fine, largest size and full, with cupped petals. The bud is large, brilliant, radiant; the stems are long, buds and flowers borne erect.

Red Radiance. It is a clear red sport of the well-known and popular garden Rose "Radiance." It inherits all the fine qualities of the latter—vigorous growth, erect branching habit, and healthy dark green foliage. The stems are long and rigid. Delightfully fragrant. (See illustration.)

Sir David Davis. Flowers brilliant glowing crimson of an even shade throughout, running to light yellow at the base of the petals, remarkable for its fragrance, continual bloom, and handsome foliage.

Souvenir De Claudius Pernet. A popular variety supplying a long-wanted yellow Rose; fine buds of clear yellow, the edge of the petals being somewhat lighter. A strong growing plant with glossy foliage.

**Talisman.** A striking beautiful Rose. In the bud it is particularly attractive. The color is a combination of gold yellow, apricot and deep pink or old rose. The outside of the petals is bright yellow gold and pink, as the flower expands they become bright apricot gold and deep rose pink.

Ville de Paris. In formation it is somewhat similar to Radiance fairly double and splendid for cutting; color rich buttercup yellow. (See illustration.)

Wilhelm Kordes. The buds are long and pointed opening to full high centered flowers; color deep golden salmon at the base of the petals which are flamed and heavily edged with cherry red.

Wm. F. Dreer. A beautiful Rose of the same parentage as Los Angeles and similar in shape to that variety. The color soft shell pink shaded with gold at the base of the petals which illuminates the whole flower.

Price for any of the above, strong 2-year-old pot grown plants. 85c each, \$8.50 per doz. Purchaser pays transportation on Roses.

### HENDERSON'S HYBRID PERPETUAL ROSES

They are distinguished for their hardiness and for this reason are largely planted in the North. While the main crop of flowers is borne in early summer, occasional blooms are produced late in the season.

American Beauty. A hardy Rose of the largest size, having the ever-blooming qualities of the Tea Rose, with the delicious odor of the Damask Rose, consequently equally valuable for winter or summer flowering. In color, it is a deep, brilliant rosy-carmine, shaded toward the center with rich carmine-crimson.

Frau Karl Druschki. This beautiful large snow-white variety is now very popular. Sometimes being called the White American Beauty. Splendid buds and immense flowers, 4 to 5 inches across; perfectly double and delightfully fragrant; large thick petals, very durable and handsome.

**Gen. Jacqueminot.** The popular hardy crimson "Jack" Rose. It is a strong, vigorous grower, entirely hardy; an early and abundant bloomer. Its brilliant crimson is the standard of color by which other Roses are judged; flowers full and fragrant.

George Arends. This is a pink form of the popular white variety Frau Karl Druschki. It is a beautiful and distinct Rose of free-flowering character; the growth is robust and erect. The form of the bud is splendid. The color is delicate rose pink. Flowers large, full and deliciously scented.

Magna Charta. This fine hardy Rose is distinguished alike for its vigorous healthy constitution, freedom of bloom and handsome foliage. Flowers bright, deep pink; very large and fragrant. A popular Rose.

Mme. Albert Barbier. The buds are long and well formed of a pearly white color suffused with soft salmon-flesh. (See illustration.)

Paul Neyron. Probably the largest of all Roses. Color, clear, dark pink shaded carmine. Form of flowers, bold and handsome; very fragrant.

Prices for any of the above, Hybrid Perpetual Roses, strong 2-year-old pot grown plants. 85c each, \$8.50 per doz. Purchaser pays transportation on Roses.

Purchaser pays transportation charges on Plants. See notice top of page 131.









## HENDERSON'S "GARDEN PRIDE" COLLECTION OF EIGHT EVERBLOOMING ROSES SHOWN IN COLORS ON OPPOSITE PAGE

No. 1. Everest

The flowers are of a large size and in form suggest Frau Karl Druschki. Color, pure white with a suggestion of cream. Remarkably fragrant; a strong, healthy grower, with bold handsome foliage. The perfectly formed flowers are borne on long stems

Price, 2-year-old, pot-grown plants, 85c each; \$8.50 per doz.

No. 2. Margaret McGredy

One of McGredy's most brilliantly colored masterpieces; large, beautifully shaped, full, double flowers, distinct from all others in its rich coloring, which is a brilliant shade of Turkish or Oriental red, passing as the flowers age to a beautiful carmine-rose.

Price, 2-year-old, pot-grown plants, 85c each; \$8.50 per doz.

No. 3. Mrs. Erskine Pembroke Thom

It is of healthy, vigorous growth, with abundant dark bronzy, disease-resisting foliage. The medium-sized buds are long and shapely, and develop into good-sized, full double, very shapely flowers of a rich deep lemon yellow, sweetly scented.

Price, 2-year-old, pot-grown plants, 85c each; \$8.50 per doz.

No. 4. Marion Cran

Bud yellow, margined and flushed cerise and rosy scarlet. As the flower opens the outside of the petals retain their color, while the inner side shows a brilliant geranium scarlet flushed orange and

Price, 2-year-old, pot-grown plants, 85c each; \$8.50 per doz.

No. 5. Mrs. Henry Bowles

A prodigous bloomer, one of the freest known, remarkably healthy and vigorous. Color, brilliant pink with lighter salmon-pink shadings. Price, 2-year-old, pot-grown plants, 85c each; \$8.50 per doz.

No. 6. Lady Forteviot

Large ovoid buds, opening to large moderately double flowers that are delightfully fragrant. Color, bright yellow flushed with cardinal red. Price, 2-year-old, pot-grown plants, 85c each; \$8.50 per doz.

No. 7. John Russell

One of the handsomest red roses, beautiful both in bud and in the fully expanded flower. Every one admires it for its splendid form and rich color, a very large, double flower of a brilliant, deep velvety crimson, the growth is exceptionally strong, vigorous and hardy. Price, 2-year-old, pot-grown plants, 85c each; \$8.50 per doz.

No. 8. Mrs. A. R. Barraclough

A bright but soft, sparkling carmine-pink of an even shade, passing to yellow at the base of the petals. The color does not fade as the flower ages but appears to become brighter.

Price, 2-year-old, pot-grown plants, 85c each; \$8.50 per doz.

SPECIAL OFFER: Price of Henderson's GARDEN PRIDE COLLECTION OF EIGHT EVERBLOOMING ROSES, \$5.50—ANY FOUR VARIETIES SELECTED FOR \$3.00.

## POPULAR HARDY CLIMBING ROSES

Climbing American Beauty

The rosy crimson flowers, 3 to 4 inches in diameter, are identical with its pollen parent, the American Beauty, and have the same exquisite fragrance, a quality rare in climbing roses. Of strong habit of growth, making shoots of from 10 to 15 feet in one season; hardy as an oak. Will thrive and bloom in any situation where a climbing or pillar rose is desired. Disease proof, glossy green foliage.

Chaplin's Pink Climber

This striking novelty is a cross between Paul's Scarlet Climber and American Pillar. It is a very important addition to the list of climbing roses, and bids fair to become as popular as the parent varieties. A strong grower, perfectly hardy, it produces its large flowers, similar in size and shape to Paul's Scarlet, in strong trusses of from 8 to 12 flowers each, but the color is a rich, lively pink.

Dr. W. Van Fleet

Flowers are 4 inches and over in diameter. The center is built high, petals beautifully undulated and cupped. The color is a remarkably delicate shade of flesh pink on the outer surface, deepening to rosy flesh in the center. The flowers are full and double, of delicate perfume, buds pointed, stems 12 to 18 inches and fine for cutting. The foliage is a peculiar shade of bronze-green, large and glossy. (See illustration.)



The flowers, a vivid scarlet, are of good size, semi-double, very freely produced in clusters of from 3 to 20 flowers each on much branched canes, the plants being literally covered from top to bottom with bloom. It is of strong climbing habit and perfectly hardy.



It is a strong grower and hardy under climatic conditions that Dr. Van Fleet and similar varieties will stand. The color is a glowing shade of light primrose yellow maintained until the petals drop. Its. flowers are about  $2\frac{1}{2}$  inches in diameter and are generally borne in trusses of from 2 to 5 flowers on long stems.

Silver Moon

Silver Moon is the result of a most interesting cross. Rosa Wichuraiana X Rosa Sinica—Cherokee Rose. The flowers run 4½ inches and over in diameter, clear silver white in color, petals of great substance and beau-tifully cupped. The center is filled with bright yellow stamens, a very attractive feature. It is very floriferous, foliage, bronze-green and glossy. (See illustration.)

Price for any of above 2-year-old, pot-grown plants, 85c each; \$8.50 per doz. Set of six Popular Climbing Roses, \$4.50.







# Spectacular Collection of Ten Popular Dahlias

Shown in Colors on Opposite Page

1 QUOTA Decorative

A ball-shaped Dahlia that is admired by all who see it, a pure, glistening white flower on long stems. Keeps a long time when cut.

A robust grower, producing deep, full blooms on long 2 EMMA MARIE Cactus stems. Outer petals clear pink with a creamy white center.

3 JERSEY'S BEAUTY Decorative

The most popular cut flower
Dahlia in cultivation because of its exquisite color and fine form. The color is a vivid, glowing pink. Large flowers of great depth, always

4 SOPHY MOREY Cactus White, heavily overlaid A good keeper when cut.

5 JERSEY'S BEACON Decorative Popular as an exhibition and garden variety. The color is Chinese Scarlet with a paler reverse giving it a two-toned effect.

6 THE EMPEROR Decorative A wonderfully rich shade of velvety maroon. Large flowers on long stems.

7 MRS. I. DE VER WARNER Decorative

Very large, beautiful flowers of fine form and substance. The color is rich, rosy mauve. It is a very free bloomer, with long stems. Valuable for cut flowers.

8 KHOLOROS Cactus A charming variety. The flowers are large, with petals gracefully quilled and curled. Color, lemon yellow. Long, wiry stems hold the flowers well above the foliage.

9 LEO NEISSON Decorative The color is an extremely soft, rich strawberry red. The great abundance of large blossoms makes this one of the most showy and desirable Dahlias.

One of the first Dahlias 10 SUNSET GLOW Cactus to come into bloom, and it continues to produce perfect flowers until killed by frost. The color is yellow at the base of the petals; the outer part overlaid flame scarlet, tipped yellow.

THE SPECTACULAR COLL. OF TEN DAHLIAS—FIELD-GROWN ROOTS \$5.00. Any Five Selected for \$2.50. Single Roots 50c Each. Delivered Transportation Paid

# Newer Dahlias of Proved Merit A Notable Selection of Famous Prize Winners

AZTEC GLORY Informal Decorative

A lovely exhibition variety; flowers large, stems long and strong. Color, clear lemon yellow. Field-grown roots, \$2.00 each; \$20.00 per doz. ELIZA LONDON SHEPARD Informal Decorative

The most beautiful golden orange Dahlia in cultivation. Exquisite form, full center, stems perfect, free bloomer; an ideal variety. (See illustration.) Field-grown roots, \$2.00 each, \$20.00 per doz.

FORT MONMOUTH Informal Decorative

A wonderful giant variety. The color is a rich crimson-maroon with a hue of bluish violet at the tips of the petals. Field-grown roots, \$2.00 each; \$20.00 per doz.

JANE COWL Informal Decorative

An impressively beautiful Dahlia. The color is warm buff and old gold blending to apricot and rose in the center. The plant is vigorous, the stems are strong. Field-grown roots, \$1.00 each; \$10.00 per doz. KATHLEEN NORRIS Informal Decorative

A pleasing soft rose-pink; center petals creamy pink. Petals are broad, overlapping and beautifully twisted. A strong grower, with heavy leathery foliage and blooms poised erect on strong stems. Field-grown roots, \$2.00 each; \$20.00 per doz.

KENTUCKY Formal Decorative

Possesses all the favorable qualities of the famous Jersey's Beauty, from which it is a sport. Its color is pink with a blending of yellow and gold, resulting in a lovely salmon-pink. Field-grown roots, \$1.50 each; \$15.00 per doz

KING MIDAS Informal Decorative

An enormous, prize-winning exhibition or garden variety. Color, pure golden yellow; form perfect, plant vigorous and free blooming, and stems strong and stiff. Field-grown roots, \$2.00 each; \$20.00 per doz. PRESIDENT HOOVER Informal Decorative

A thoroughbred of perfect and beautiful form. Color, peach-red blending to begonia-rose; very bright and luminous. Very early and continuous bloomer. Field-grown roots, \$2.00 each; \$20.00 per doz. ROBERT E. LEE Semi-Cactus

Acclaimed for its brilliant cardinal-red color that does not fade or burn in a scorching sun; perfect full center. An ideal cut flower, for its free blooming habit and good stems. Field-grown roots, \$2.00 each

\$20.00 per doz.
THE WORLD Formal Decorative

color, a rich, deep rosy magenta overlaid garnet with silver shadings. Flowers of good substance. The plant is strong, with leathery foliage. Field-grown roots, \$1.50 each; \$15.00 per doz.

Special Offer: One each of the 12 Newer Dahlias offered above for \$18.00. Delivered transportation paid.

#### TREASURE ISLAND Formal Decorative

Color, bright apricot with gold and rose suffusion, giving it a perfect autumn color. Bush growth is strong, branches freely from the ground and the long stems hold the flowers perfectly erect. It has many awards to its credit. Field-grown roots, \$1.50 each; \$15.00 per doz.

WALDHEIM SUNSHINE Informal Decorative

A giant in size, 10 inches in diameter and 4 inches deep, yet extremely graceful with its beautifully twisted petals and perfect center. The color is true deep golden-yellow with a deeper golden suffusion in the center. Sturdy in growth and a free golden suffusion in the center. Sturdy in growth and a free bloomer. Field-grown roots, \$1.50 each; \$15.00 per doz.



#### "DECORATIVE" DAHLIAS

BARBARA REDFERN A free flowering variety, with flowers of great size and depth; the color is a beautiful blending of old rose and old gold. The large blossoms are held on strong stiff stems, plant vigorous.

CHESAPEAKE The color is canary yellow with light stripes of crimson on the front of the petals. The reflex is crimson, producing a charming effect.

DOROTHY ROBBINS
This variety is worthy of special mention as a cut flower sort.
Color, a pretty burnt amber tinged and shaded old rose.

EASTERN STAR Color, a brilliant saffron yellow with old gold shadings. Flowers formal, of great substance, with good keeping qualities, are produced on erect, strong stems. The plant is vigorous and free blooming. (See illustration.)

EBENEZER The color is bright velvety maroon on the front with a lighter color on the back; a tall grower; large flowers on long stems.

EDWARD M. PARRISH
Handsome, well-formed flowers of more than an average size; freely produced. It is an attractive shade of lavender mauve; a splendid keeper.

**ELLINOR VANDERVEER** The blossoms of glowing, satiny pink are of great size and depth. One of the earliest.

JEAN KERR An ideal pure white Dahlia for all purposes. It is sometimes classed as a show variety because of its closely set petals and ball shape, but it really belongs to the decorative class. One of the earliest.

JERSEY'S BEACON—see description on page 137. JERSEY'S BEAUTY—see description on page 137.

JERSEY'S SOVEREIGN A good grower; early bloomer of a pleasing shade of salmonorange. The flowers are large and the foliage dark green.

JOAN OF ARC The color is beautiful soft pink with lilac shadings, sometimes deepening to violet toward the margins. The petals are broad.

JOPPA The color is dark salmon-rose blended with apricot and gold. It is a variety which responds to good culture, when disbudded flowers measure 8 to 10 inches.

JUDGE DUNCAN A wonderfully rich and intense crimson-maroon. A most profuse bloomer, with long stems. Fine for cut flowers.

KIWANIS The form is all that can be desired, with broad incurved and twisted petals and very double center. Color a bright canary yellow that is admired by everyone.





KITTY DUNLAP An exceptional variety for the garden or for cutting. The color is that of the American Beauty Rose, the flowers are informal, well shaped and the stems are excellent.

LEO NEISSON—see description, page 137.

MABEL THATCHER Remarkable form and substance. Its attractive, pale yellow flowers are held erect on stiff stems.

MARVELOUS Truly a beauty. The color is deep mauve blended with silver mauve and flesh pink. Flowers freely on long stems.

MARYLAND Large, perfectly formed flowers on long stems. Color, silver mauve, suffused delicate flesh pink.

MRS. I. DE VER WARNER—see description, page 137.

PRIDE OF CALIFORNIA
We consider this one of the best Dahlias because of its uniform habit of growth. The color is deep red and the flowers keep well when cut.

QUOTA—see description, page 137.

ROSA NELL It is a favorite with both cut-flower growers and exhibitors. Color, clear bright rose. The flowers are large and always full to the center.

SAGAMORE This Dahlia is a wonderful exhibition variety. Color amber gold, shaded with salmon-rose and orange-buff. Flowers of large size, and a good keeper when cut.

SIOUX A large, strong growing plant, making heavy stems, with a fine, large red flower of excellent substance, good keeper.

SOMERSET A charming combination of salmon and old rose; an informal and graceful flower. Plant very vigorous.

THE EMPEROR-see description, page 137.

**TRENTONIAN** The rich golden-bronze flowers stand well above the foliage. A strong branching grower and free bloomer. (See illustration.)

Price, field-grown roots, 50c each; \$5.00 per doz. Set of 29 "Decorative" Dahlias above for \$11.50. Delivered transportation paid.

Note.—When roots cannot be planted when received, store in a cellar where the temperature is about 55 degrees. If they show signs of shriveling, cover with several thicknesses of newspaper, sprinkle the papers with water. If they show premature growth, there is too much moisture and water should be withheld.

#### CACTUS DAHLIAS

ABERDEEN Begins to flower early and continues until frost. The flowers are of medium size, of the true quilled type. The color is dazzling red shaded crimson, very brilliant in artificial light.

AUBREY DAVENPORT The color is pure white with just a suggestion of lemon yellow toward the center as the flowers mature a fine, large, full flower.

EMMA MARIE. See description page 137.

ENID The center petals are flat and almost black, while the outer petals are long and rolled in true Cactus form. They are a pure scarlet which show up particularly well under artificial light.

GARDEN GLOW A fine free flowering Hybrid Cactus variety orange-red and chrome yellow. Deep and full to the center. A good garden and exhibition Dahlia.

GEORGE, JR. A beautiful exhibition Dahla of perfect formation. A lovely bright salmon rose with shadings of picric yellow. Large flowers carried well above the foliage on good stiff stem.

GLADYS BATES Large flowers with incurved petals of a golden salmon, the reverse of the petals being rose. An early bloomer.

HOLLYWOOD It is a beautiful salmon-pink of the true quilled Cactus type. Flowers of immense size, measuring on well-grown plants 6 to 8 inches across.

KHOLOROS. See description page 137.

LUCY ASHTON The color is light pink shaded with yellow at the base of the petals. A good variety for cut flowers.

MARS A delightful and different combination of salmon-red and rich golden eeru giving an effect of burnished copper. Long wavy petals give flowers grace and refinement.

MUTUAL FRIEND An exquisitely colored Dahlia. The flat center petals are canary yellow. The outer petals salmon, merging into light pink, which gets lighter toward the tips. The petals are quilled and twisted.

PATAPSCO The flowers are large and full, measuring 6 inches or over in diameter. The petals are loosely incurved, of a delicate mauve-rose, suffused pink.

PIERROT The color is deep amber, but each petal is tipped with pure white. One of the pleasing features of this variety is that the amount of white varies, giving a unique and striking effect.



SPORT A sport of F. W. Fellows with all its merits. Color deep buttercup with buff shadings at the center. (See illustration.)

SOPHY MOREY. See description page 137. SUNSET GLOW. See description page 137.

SWEETHEART The growth is dwarf and branching, making many flower stems. Color purest white. The petals are twisted and curled, rendering the flower most attractive and pleasing.

THE VAMP A very handsome "Cactus" Dahlia, color intense scarlet with maroon shading, enhancing the richness of coloring.

Price of above field-grown roots, 50c each; \$5.00 per doz. Set of 19 Cactus Dahlias, \$7.50. All delivered transportation paid.

#### **POMPON DAHLIAS**

This type produces globular flowers in great profusion on rather dwarf plants. Very popular for floral baskets and table decoration.

ADMIRAL DOT A miniature flower of the Decorative shape. Color peach blossom pink.

ALEWINE Flesh, edged lavender pink.

ALLIE MOUREY Pinkish white, tipped deep pink.

AMBER QUEEN Rich amber, profuse bloomer. CRIMSON QUEEN Deep crimson, shaded purple.

LITTLE BEAUTY Delicate shrimp pink, an early and profuse bloomer.

LITTLE JEWEL Beautiful soft pink shaded blush.

LITTLE MAY Bright lemon yellow beautifully quilled.

SNOWCLAD The best of white Pompons. Completely covered with flowers.

Price, field-grown roots, 50c each; \$5.00 per doz.; set of 9 for \$3.75. All delivered transportation paid.



#### CLEMATIS or SINGLE FLOWERED DAHLIAS

(LEMATISFLOWERED Distinguished for their artistic Clematis-like flowers. They make noble plants, about 5

BIG CHIEF Brilliant cherry red, margined with rich velvety maroon.

FRINGED 20th CENTURY The color is intense rosy crimson, with white tips and white disc around the yellow center.

ROSE PINK CENTURY Clear rose pink, immense size. (See illustration.)

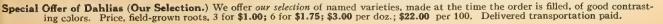
SCARLET "CENTURY" The brightest, dazzling scarlet, without shade or blemish.
The flowers are of fine, round form and finish.

SENSATION Vivid vermillion, heavily striped with white. Very striking.

ST. GEORGE A pretty, pure yellow. It is a very free bloomer and fine for cutting. Very showy in the garden.

WHITE "CENTURY Beautiful snow-white. A profuse bloomer.

Price, field-grown roots, 50c each; \$5.00 per doz.; set of 7 for \$2.75. All delivered transportation paid.



# SELECTED PLANTS for BEDS and BORDERS

#### AGERATUM or Floss Flower

Splendid for bedding, edgings or pots. Ageratums produce flowers of deep amethyst-blue freely all through the summer. Height 6 to 12 inches. Price, plants from 2-inch pots, 15c each; \$1.00 per doz.; \$8.00 per 100.

#### **ALTERNANTHERA**

In full sunlight their ornamental leaves are always admired. They grow about eight inches high. We offer the red and yellow varieties.

Price, plants from 2-inch pots, 15c each; \$1.25 per doz.; \$10.00 per 100.

#### ALYSSUM, Sweet

"Carpet of Snow." This variety is a perfect carpet of snow throughout the ason. We have counted as many as 300 heads of pure white flowers open at one time. For edging and bedding this is a very satisfactory little annual. Height 3 inches.

Price, plants from 2-inch pots, 15c each; \$1.00 per doz.; \$8.00 per 100.

ANTIRRHINUM or Giant Snapdragon

These improved "Snapdragons" produce flowers nearly double the size of the old varieties. They are very valuable for cutting; while in beds or borders their pure, bright colors are a source of constant delight. (See illustration.)

Purple King. Bright purplish red. Snowflake. Pure white, yellow throat. The Rose. Bright rose pink. Canary Bird. Pure soft canary yellow. Cerberus. Rich carmine red.

Defiance. Old gold color.

Price, plants from 2-inch pots, 15c each; \$1.25 per doz.; \$10.00 per 100.

#### ASTER, Henderson's Invincible

A superior type in every way. The plants are about 2 feet high—though under best culture often 3 feet—producing long stems, massive Chrysanthemum-like flowers of perfect form, exceedingly double to the very center.

Carmine-rose. Bright rosy-carmine. Crimson-brilliant. Rich bright red. Deep Blue. Bright indigo-blue. Deep Pink. Lively warm rose-pink. Lavender. Charming silvery-lavender.

Pearl Pink. Exquisite blush and shell-pink. Violet-purple. Rich velvety purple. Pure White. Purest snow-white.

Price, plants from 2-inch pots 15c each; \$1.25 per doz.; \$10.00 per 100.

#### SIX GRAND CANNAS

Copper Giant an immense flower on a very vigorous plant. Color madder-

Copper Giant an immense flower on a very vigorous plant. Color madderred suffused with rose. Height 4 feet.

Eureka. This variety is the result of many years of careful hybridizing, and is the best white Canna for all purposes. Glossy green foliage. Height 4½ feet.

Frau Dr. Klein a free bloomer and a robust grower. Large trusses of well formed flowers of glossy carmine-red. Height 5 feet.

Golden Eagle. Color rich golden yellow. Flowers of good size held well above the foliage. An effective bedding variety. Height 4 feet.

Mrs. Alfred F. Conard. It is unsurpassed for planting either singly or in large beds. Its exquisite pink flowers are of largest size. Height 4 feet. Green foliage. (See illustration.)

Sungold. A dazzling free flowering variety. Color Chinese orange over-laid with a touch of fiery scarlet and a narrow golden yellow border. Height  $4\frac{1}{2}$  feet.

Price, dormant roots, 30c each; \$3.00 per doz. Growing plants ready April 1st, 40c each; \$4.00 per doz. Set of six grand Cannas, offered above, dormant roots, \$1.50; growing plants, \$2.00.

#### CANNAS IN QUANTITY FOR MASSING

**Harmony.** Great clusters of Geranium-red flowers arranged in such a manner as to give the trusses an almost globular appearance. Carmine bronze foliage. Height  $3\frac{1}{2}$  feet.

toliage. Height 3½ teet.

Hungaria. Large florets in good sized trusses; freely produced. The color is a beautiful rose-pink. Height 3½ feet.

King Humbert. A brilliant orange-scarlet with bright red shadings. Large trusses of blooms, the individual flowers being six inches in diameter. Foliage a rich, reddish bronze with lighter shadings. Height 5 feet.

Little Gem. The height rarely exceeds two feet, so that its value for edging, for the red by body and the red by the second trusters of level beds.

for centers of low beds, for planting in herbaceous borders, or for pot culture is apparent. An early and continuous bloomer. Flowers orange scarlet with yellow

apparent. An early and conditions brother. Provets stage stage edgings.

Louis Cayeux. The flowers are large, have broad petals, gracefully rounded and slightly crimpled. Color bright rosy scarlet. Height 4 feet.

Queen Charlotte. Intense scarlet, rich and dazzling; golden yellow edge. Does not fade or scorch in hot weather. Height 3 feet.

The President. Green foliage. Color bright glistening scarlet. The individual florets often measure seven inches across when open. The flowers are borne on firm upright stems, just high enough above the foliage to show the entire head. Height 5 feet. (See illustration.) Height 5 feet. (See illustration.)

Timbuctoo. A recent introduction from France. Golden yellow flowers are freely produced on long stems. Height 3½ feet.

Yellow King Humbert. This is the best yellow Canna now on the market. The flowers, bright yellow spotted with red, are of the largest size, heads full and borne well above the foliage, which is lively green.

Price, dormant roots, 25c each; \$2.50 per doz.; \$15.00 per 100. Growing plants, ready April 1st, 30c each; \$3.00 per doz.; \$20.00 per 100. Not less than 50 sold at the 100 rate.







### BEGONIA Tuberous Rooted. All Selected Bulbs

These are now among the most popular plants for beds of summer flowers. Nothing can exceed the brilliancy and richness of their flowers. From the time the first blossoms appear until all growth is stopped by frost they are never out of bloom.

Single. Separate colors, scarlet, yellow, crimson, white, pink and salmon. Price, 30c each; set of six for \$1.50.

Double. Separate colors, scarlet, crimson, white, yellow, pink and salmon. Price, 35c each; set of six sorts, \$1.75.

#### Fibrous-Rooted Varieties

Prima Donna. A splendid new Begonia of the "Gracilis" type growing into bushy plants, 10 inches high by 12 inches across. The flowers are unusually large, 1 to 1½ inches in diameter, rose color shading to carmine in the center. For bedding or pots it is a gem. (See illustration.)

Red Erfordia. A large-flowered strain of this popular bedding Begonia,

producing glossy bright crimson flowers in phenomenal profusion from May

until frost; foliage dark, plants bushy and compact, about 10 inches high.

Vernon. Fine bedding and pot plant 6 inches high; blood-red flowers.

Price, plants from 2-inch pots 15c each; \$1.25 per doz.; \$10.00 per 100.

#### CALADIUM Superb Fancy-Leaved

Useful for pot culture, window and piazza boxes. Most of the varieties planted about June 1st in partially shaded borders succeed admirably as bedding plants. The richness of coloring is bewildering. Brilliant red and green, green with spots and red veins, etc., etc. Price, 50c each; \$5.00 per doz.

#### COLEUS

Coleus plants are used in great quantities in parks and public gardens, or in any situation where a striking effect is wanted. They make an attractive border for beds of Salvias or Cannas and can be used in masses where a colored foliage effect is wanted.

Verschaffelti. The standard crimson bedding variety.

Golden Bedder. The favorite yellow sort.

Trailing Queen. A trailing variety useful for hanging baskets. Foliage marked yellow and pink, bordered with maroon and green.

Price, plants from 2-inch pots, 15c each; \$1.00 per doz.; \$8.00 per 100.

#### DRACAENA Indivisa

A splendid house or garden plant with slender drooping leaves. It is used extensively as a center plant for vases and for porch and window-boxes. It will stand full exposure to the sun and its long, graceful narrow leaves give a beautiful effect with other plants.

Price, plants from 5-inch pots, \$1.00 each. 6-inch pots, \$1.50 each.

#### GLOXINIA New Hybrid

The handsomest of our summer-blooming plants. The rich coloring and speckling of the flowers is beautiful in the extreme.

Price, assorted colors, 40c each; \$4.00 per doz.

#### GERANIUM Double

Geramiums are always popular because people are successful with them almost every where. They flower freely all season until killed by frost, and with very little care will do well in heavy or light soil.

Alphonse Ricard. Semi-double flowers of a bright vermilion scarlet are

produced in profusion. The foliage is handsome, luxuriant, bright green.

Beauty Poitevine. One of the most popular varieties that we have.

Lively salmon pink color semi-dwarf branching habit, deeply zoned leaves.

General Grant. Bright orange scarlet flowers profusely produced during the entire season in medium size trusses.

Irvington Beauty. A vigorous grower, free blooming, splendid foliage, color rose-pink. (See illustration.)

Jean Viaud. Bright rosy-pink, white blotch in center, dwarf, compact, vigorous and free blooming.

Pink Barney. A profuse bloomer with large semi-double flowers of beauti-

ful deep pure pink, dwarf and branching habit.

Radio Red. A splendid bedding variety remarkable for the size and brilliancy of its flowers which are of the clearest possible flame scarlet.

White Queen. This has proven to be the best of the double whites.

Price, plants from 3 inch pots, 20c each; \$2.25 doz.; \$18.00 per 100.

#### HELIOTROPE

These well-known garden favorites are always in demand because of their delicious fragrance. Plants set out in the spring become established quickly and flower freely until killed by frost. We offer fine plants of these, the new giant, French, and the standard blue, also white.

Price, 15c each; \$1.50 per doz.; \$12.00 per 100.

#### HOLLYHOCK Hardy Double

This grand strain of Hollyhocks we have secured only after years of careful This grand strain of Hollyhocks we have secured only after years of careful selection. We grow annually thousands of these, and have for years selected those that show the most perfect form, largest size and purest color. In the whole range of hardy garden plants there were none more majestic, gayer in appearance or more generous in blooming. (See illustration.) We offer the following colors: Purple, White, Salmon, Yellow, Pink and Crimson. Price, 20c each; \$2.25 per doz.; \$18.00 per 100. Collection of 6 for \$1.25.













#### **HYDRANGEAS** Herbaceous

Usually grown in tubs for porch and lawn decoration. They can be kept in a cellar during the winter. In sheltered situations they remain in the ground outdoors without injury. The new varieties we offer will be a revela-

tion to those accustomed to seeing only the older sorts.

Gieselheer. Dark carmine red, compact, strong grower; large floret.

Hortalanus Witte. An exceptionally attractive early bright pink. (See illustration.)

Lorelei. Bright carmine-rose; free flowering.

Mien Liebling. Magnificent dark salmon-rose; strong flower bracts.

Trophee. One of the favorite forcing varieties. Color, water-melon-red.

Price, strong plants from 5-inch pots, \$1.00 each; \$10.00 per doz.

#### LANTANAS

Few summer flowering plants give more satisfaction than Lantanas. They can be depended on to bloom regardless of weather conditions and their bright colors always produce a magnificient show in the garden.

Price, plants from 2-inch pots 15c each; \$1.50 per doz.; \$12.00 per 100.

### VERBENA Lemon

An old favorite with delightfully scented foliage. The leaves when dried will retain their odor for a long time.

Price, plants from 2-inch pots 25c each; \$2.50 per doz.

#### MARIGOLDS

Marigolds are old favorites in our garden, they are showy especially in masses and add color in mixed borders. They flower from June till frost. We offer tall and dwarf sorts.

Price, plants from 2-inch pots 15c each; \$1.25 per doz.; \$10.00 per 100.

#### MOON FLOWER Giant

Ipomea Maxima. The flowers are more than twice the size of the old variety, selected flowers reaching 71/2 inches, and are produced in such profusion that they cover the vine with a veil of glistening white. On moonlight nights and cloudy days the effect is charming. Add to these qualities its delightful sweet magnolia fragrance and poetic fancy could not ask for (See illustration.)

Price, 25c each; \$2.50 per doz.

#### NASTURTIUM Golden Gleam

This beautiful novelty took the garden world by storm last year. Besides producing large double golden yellow flowers in abundance throughout the summer, the flowers are also delicately scented. Ideal for bedding, window

Price, plants from 2-inch pots, 25c each; \$2.50 per dozen.

#### PETUNIA Henderson's Giant Single Fringed

Bedding Petunias continue to grow and bloom until frost. The plants we offer are grown from our finest strain producing large single flowers, blotched, striped, netted, etc., including all the Petunia colors; height 1 foot. Price, plants from 2-inch pots 15c each; \$1.25 per doz.; \$10.00 per 100.

#### PETUNIA Double Fringed

The flowers are double, exquisitely ruffled and fringed on the edges. The variety of colors, shades and markings in beautiful combination is remarkable. Price, plants from 2 inch pots 20c each; \$2.00 per doz.; \$16.00 per 100.

SALVIA or Scarlet Sage

Scarlet Dragon. Full-grown plants in bloom form compact bushes 3 feet across by 3 feet high, and bloom from ground to summit.

Tom-Thumb Zurich. Of dwarf growth, forming oval bushes 15 to 18 inches high, thickly studded with scarlet flowers.

Price, plants from 2-inch pots, 15c each; \$1.25 per doz.; \$10.00 per 100.

### STOCKS, Henderson's Colossal Ten Weeks

This magnificent strain is without a rival for open-ground planting, attaining a height of  $2\frac{1}{2}$  feet, the spikes of bloom are very long. Large Double Flowers.

Blue Bells. Pretty shade of blue. El Dorado. Sulphur-yellow. Grand Rouge. Brilliant Crimson. Mount Blanc. Purest white. Rosy Morn. Delicate rosy-flesh.

Price, plants from 2-inch pots 15c each; \$1.25 per doz.; \$10.00 per 100.

#### VERBENAS Mammoth

This distinct and beautiful race we originated, introduced and named. They bloom freely, are vigorous in growth and contain beautiful new colors shades. For garden beds and massing these Verbenas are unrivaled, Price, mixed colors, plants from 2-inch pots 15c each; \$1.25 per doz.; \$10.00 per 100.

#### ZINNIA Giant

The plants grow from 2½ to 3 feet high and are covered with myriads of densely double flowers measuring from 4 to 6 inches in diameter. Giant Zinnias are very satisfactory for beds, borders and cutting. (See illustration.) Price, mixed colors, plants from 2-inch pots 15c each; \$1.25 per doz.; \$10.00 per 100.

Purchaser pays transportation charges on Plants. See notice top of page 131.

# Hardy Perennial Plants HENDERSON'S SELECTED NOVELTIES and SPECIALTIES

#### ANCHUSA, Myosotidiflora

A lovely perennial of Russian origin; hence, its extreme hardiness. The plant grows about 2 feet high and produces quantities of graceful clusters brilliant blue forget-me-not-like flowers, produced in early summer. Thrives well in all soils, in sun or shade. Also very effective in rock gardens. Price, 35c each; \$3.50 per doz.; \$25.00 per 100.

#### ANEMONE, Hupehensis

An early flowering variety similar to the Jap-anese in appearance but much earlier flowering, beginning in August and continuing right up to frost. Color a pleasing rose-mauve; height, 1½ to 2 feet. A valuable addition to our late summer flowering perennials; an ideal cut flower. (See

Price, 35c each; \$3.50 per doz.

#### ASTER, Hardy, Michaelmas Daisies

Highly prized for their profusion of blooms during the late summer, when they make the hardy border gay. Best planted in groups of three or more. Also valuable for cutting. (See illustration.)

Barr's Pink. One of the showiest; blooms in eptember. Color, bright pink with golden center. Height, 3 to 4 feet.



Skylands Queen. Beautiful light blue; begins flowering in August. Plant dwarf and spreading; fine for cutting.

Snowdrift. Branching pyramids of large, semi-double snowwhite flowers in early September. Height, 2 to 3 feet.

Price, any of above Hardy Asters, 35c each; \$3.50 per doz. Set of four for \$1.25.

#### BLEEDING HEART, Dielytra Spectabilis

One of the most ornamental of hardy spring-flowering plants, with elegant green foliage and long drooping racemes of heart-shaped pink and white flowers. If potted in November and left outside till it has formed new roots and then brought into a gentle heat, it may be had in flower in the greenhouse in February and March.

Price, large roots, 75c each; \$7.50 per doz.

#### CHRYSANTHEMUMS, Early Large Flowering

We offer a quartet of recently introduced early flowering varieties that flower before frost and produce quantities of good-sized flowers. Very desirable for cutting. (See illustration.)

**Barbara Cumming.** Color, clear yellow, shading to orange-bronze toward center; flowers 3 inches across; very early.

October Girl. Rose-pink; very artistic semi-double flowers.

Ruth Cumming. Rich reddish-bronze with terra cotta shades; fine large flowers.

Ruth Hatton. Pure ivory white; fine form.

Price, any of above, 30c each; \$3.00 per doz. Set of four for \$1.00.

#### DELPHINIUM, Henderson's Extra Select English Hybrids

(Shown in colors on inside front cover.)

The supreme achievement of the plant breeder's art is represented in this extra select strain of regal Delphiniums. Truly the most imposing, the most majestic, the most beautiful subjects of the hardy garden. The colors are a revelation of the sheer exquisiteness of the harmony of blues; from the most delicate porcelain blue to the deepest ultramarine, through a delightful array of lavender, mauve and pink tones, to rich purplish hues. These hybrids contain many double, semi-double, also single flowers, which are produced on plants which range from 4 to 6 feet high, with spikes frequently 2 feet long, and they bloom from June to late fall.

Price, 2-year-old plants, \$1.00 each; \$10.00 per doz.; \$75.00 per 100.

#### DIANTHUS

Beatrix. New. The plants grow from 1 to 1½ feet high; the foliage is dark green; vigorous. The flowers are double, produced in clusters and are light salmon-pink in color. Bloom profusely from May till frost. A very desirable cut flower.

Price, 50c each; \$5.00 per doz.

#### EUPATORIUM, Blue Mist

An improved variety of the popular hardy Ageratum. A good plant for the hardy border and a very useful cut flower. Plants grow 2 feet high; bloom from August to October. Price, 35c each; \$3.50 per doz

FERNS, Hardy, for the Garden
Given a porous soil rich in humus, shady or partially shaded position and moisture, and they luxuriate, coming up year after year. offer a choice selection of the best native sorts.

Price, 35c each; \$3.50 per doz.; \$25.00 per 100. Set of 10 distinct sorts for \$3.00.

#### CHRYSANTHEMUMS, Hardy Pompon

Valuable for grouping in the border for single specimens and for landscape effects. These beautiful colors liven up the autumn

Autumn Glow. Rosy crimson. Clorinda. petals old gold. Bronze; back of Cometo. Pink; fine rounded

flower. Scarlet Beauty. Scarlet.

shaded crimson. Wanda. Pure white; fine form.

Yellow Normandie. Bronzy yellow; a beautiful color. early.

Price, 25c each; \$2.50 per doz. Set of six Pompon Chrysanthemums, \$1.25.



#### GRASSES, Ornamental, Hardy

Arundo Donax. An ornamental

grass, growing 10 or 12 feet.

Arundo Donax Var. A variegated form of the above. Foliage green

and white.

Price for above, 50c each; \$5.00

Eulalia Gracillima. Of graceful habit, with very narrow bright green

Fulalia Zebrina. The long blades of this variety are marked transversely with golden bars.

Eulalia Japonica, Var. A very ornamental variety. The narrow

ornamental variety. The narrow leaves are striped light green and

Price of Eulalias, 35c each; \$3.50

per doz.

Phalaris Arundinacea, Var.
(Gardener's Garters.) Striped green and white.
Price, 25c each; \$2.50 per doz.



#### NOVELTIES and SPECIALTIES GYPSOPHILA, Bristol Fairy Double Everblooming Baby's Breath

A great improvement over the old types of Gypsophila; the individual blossoms are larger, the panicles are also larger, and they are produced in great abundance throughout the entire summer up to November.

Price, strong field-grown, grafted plants, 50c each; \$5.00 per dozen.

### IRIS GERMAN, Germanica

Variously known as the Fleur-de-lis or Flag Iris. It is one of the most popular hardy plants in cultivation, because it thrives in all soils where it obtains an abundance of sunshine. Flowers in May and June. Height, 1½ to 2 feet. Our mixture is made of the best named varieties. Price, 25c each; \$2.50 per doz.; \$15.00 per 100. Set of 10 Named German Iris \$2.25.

#### IRIS JAPANESE, Iris Kaempferi

The silken flowers are from 6 to 8 inches across and are produced in a bewildering array of orchid-like colors. They thrive well in any rich garden soil, but are particularly fond of moist soil. Flowers in June and July. Height, 2 to 2½ feet. Mixed colors.
Price, 25c each; \$2.50 per doz.; \$18.00 per 100.
Set of 10 Named Japanese Iris \$2.25.



A large clear blue; plants vigorous, stems stiff. Ideal for the hardy border, also for naturalizing and waterside plantings. Height 21/2 to 3 feet.

Price, 25c each; \$2.50 per doz.; \$16.00 per 100.

#### HIBISCUS, Large Flowering Mallows

A greatly improved form of the popular marsh mallows; flowers frequently grow to a diameter of 8 to 10 inches. They thrive in all soils; plants reach a height of from 5 to 6 feet. Excellent for background and landscape planting. Bloom from July to October. (See illustration.)

Giant Pink. A clear, rich pink; very attractive.
Giant Red. Very vivid and brilliant.
Giant White, crimson eye. Pure white with crimson center.
Price, any of above, 35c each; \$3.50 per doz. Set of 3 for \$1.00.

#### PEONIES

Magnificent hardy plants, almost rivaling roses in perfume and brilliancy in color. We offer strong divided roots and can supply double white, double crimson and double rose pink.

Price, 35c each; \$3.50 per doz.

#### PHLOX, Early Flowering

Miss Lingard. Early flowering, this pure white variety is undoubtedly the most popular massing Phlox grown. It begins blooming in May and continues up to late October. Height, 2 feet. Price, 25c each; \$2.50 per doz.; \$16.00 per 100.

#### PHLOX, Hardy

These grand hardy plants are very popular and deservedly so They are of the easiest culture, and during the late summer and fall months make the garden bright with their wealth of bloom. illustration.)

Enchantress (Medium). The well-known bright salmon-pink with lighter shadings and dark red eye.

Europa (Medium). A pure white with a very decided crimson carmine eye; large flowers in good compact trusses; very distinct. Firebrand (Medium). Bright vermillion-scarlet with deeper center; large, strong trusses.

Mrs. Milly Van Hoboken (Medium). Color, bright pink with a slight and delicate mauve suffusion; strong grower and free flower-The general color effect at a distance is a fine bright pink.

Mrs. Jenkins (Tall). The best tall, early white for massing.

New Bird (Medium). Deep crimson-red, almost vermillion, and purple eye. The flower heads are carried well above the foliage in well branched spikes. A very brilliant and excellent variety; one of the best of this color.

Painted Lady (Medium). This delicate colored sort is one of the most pleasing in our entire collection. Strong upright growth and large masses of flower heads. Silver pink with salmon shadings and cherry red eve.

Prof. Verchow (Medium). Bright carmine overlaid with brilliant orange scarlet.

R. P. Struthers (Tall). Bright rosy-carmine, with claret-red eye. Thor (Medium). A most beautiful and lovely shade of deep salmon-pink suffused and overlaid with a scarlet glow.

THERMOPSIS Caroliniana



An unusual and beautiful perennial producing long spikes of bright yellow, pea shaped, lupine-like flowers. The plant grows about 3 feet high. Price, 50c each; \$5.00 per doz

#### TRITOMA, Tower of Gold

This new variety is a startling and beautiful addition. The plant is very graceful and the beautiful golden yellow flowers are borne sturdily erect. Height, 3 feet. Flowers are produced profusely from August to frost. (See illustration.) Price, 50c each; \$5.00 per doz.

#### TRITOMA Pfitzerii

An improved variety of the "Red Hot Poker Plant" or "Torch Lily." It flowers continuously throughout the season. Large spikes of brilliant flame colors, rich yellow at base, with long stalks gracefully posed above the rich green foliage. A bed of this in bloom is a grand sight; a border of it around Cannas is admirable.

Price, 35c each; \$3.50 per doz.

#### YUCCA FILMENTOSA, Adam's Needle

One of the hardiest and showiest plants we have. flower spikes are borne in huge panicles above the sword-shaped foliage, which in itself has a sub-tropical effect. The large, white, waxy blooms are drooping in habit. (See illustration.)

Price, 50c each; \$5.00 per doz.



# GENERAL LIST OF HARDY PERENNIAL PLANTS

Every garden lover sooner or later turns to Perennials because in this group are found some of our most beautiful and most interesting garden flowers, also because they thrive with but a minimum of attention and can be used singly or in combination in many ways. The following list of varieties was selected for their ease of culture as well as for the profusion and beauty of their flowers. The tabulation was made to simplify the selection of varieties. The heights given include the flower spike. Please also note the novelties and specialties offered on the two preceding pages as well as the combinations shown on page 146 and the inside of back cover.

and specialties offered	on the two preceding	pages as	well as the co		snown on page	140 and the in	iside of back cover.
Variety	Common Name	Height	Color	Time of Bloom	Location	Soil .	Ușes
Achillea Ptarmica, The Pearl. Alyssum Saxatile.	Milfoil or Yarrow Golden Tuft	1 ½ ft. ¾ ft.	WhiteYellow	All Summer. Spring	Sun	Dry Well Drained	Massing & Cutting Border or Rockery
Anchusa Italica (Drop- more). Anemone Japonica Alba	1'Albanct	4-5 ft. 2-3 ft.	Blue	All Summer.	Sun or Shade	Rich	Superb for Massing
Anemone Japonics Rubra	Windflower	2-3 ft.	1		Sun or Shade	Moist }	Ideal for Massing Naturalizing and
Anemone Japonica Oueen Charlotte	Windflower	2 ft.	Pink	SeptNov	Sun or Shade	Moist	Cutting
Aquilegia American Hybrids	Columbine	1 ½-2 ft.	Assorted	June	Sun	Light	Massing & Cutting
Arabis AlpinaArmeria MaritimaArtemesia Silver King	Sea Pink	½ ft. ½ ft.	Rose Pink	All Summer.	Sun	Any	Border or Rockery Edging or Rockery
35c each, \$3.50 doz	Silver Sage Brush	2-3 ft.		1			Massing & Cutting
Baptisia Australis Boltonia Latisquama	Thousand Flo. Aster	3 ft. 3-5 ft.	Light Pink	SeptOct	Sun	Any	Border or Wild Garden Massing & Cutting
Campanula Carpatica Campanula Media Carnation Hardy	Canterbury Bell	34 ft. 2 ft.	Blue	June-Oct Early Sum	Part Shade Sun or Part Shade	Rich	Edging or Rockery Massing & Cutting
Garden Tomen-	Double Carnation	ī ft.		}	Sun		Border & Cutting
tosum	Siberian Wallflower	½ ft. 1 ft. 2 ft.	White Orange Yellow	June-July May-June All Summer.	Sun. Sun. Sun.	Well Drained Rich Any	Edging or Rockery Border or Rockery Massing & Cutting
Delphinium Formosum Delphinium Sinensis Delphinium Wrexham	Hardy LarkspurBlue Butterfly	2½-3 ft. 1½ ft.	Deep Blue	All Summer.	Sun or Part Shade Sun or Part Shade	Rich	Border & Cutting Border & Cutting
Hybrids 35c ea.3.50dz.	Spire Shaped Spikes	4-6 ft. 1 ½ ft. 3-5 ft.	Assorted	All Summer. Summer July-Aug	Sun or Part Shade Sun or Part Shade Sun	Rich Any Any	Border & Cutting Border & Bedding Border & Massing
Funkia Undulata Varg	Variegated Day Lily	2 ft.	Blue	AugSept	Sun or Shade	Moist	Fdging & Massing
Gaillardia Grandiflora Geum Mrs. Bradshaw Gypsophila Paniculata.	Atens	1 ½ ft. 1 ½ ft. 2-3 ft.	Orange Bright Red White	June-Nov June-Aug AugSept	Sun Sun Sun	Medium to Rich. Rich Well Drained	Border & Cutting Border, Showy Massing & Cutting
Helenium Gartensonne	Helen Flower			Į	Sun	İ	Border
Helianthus Multiflorus	Helen Flower	5-6 ft.	Terra-cotta	AugSept	Sun.	Any.	Background Massing & Naturalizing
Hemerocallis Flava Heuchera Sanguinea Hollyhock (see page 141) 20c. each, \$2.25 de	Lemon Lily	2 ft. 1-1 ½ ft. 6 ft.	Lemon Crimson Assorted	Summer June-Sept July-Aug	Sun or Shade Sun or Shade Sun	Moist	Borders & Waterside Border, Rockery & Cutting Clumps & Background
Iberis Sempervirens		¾-1 ft.	White	Spring	Sun	Well Drained	Edging or Rockery
Lavendula Vera	English Sweet Lavender	1 1/2 ft.	Lavender-Blue	July-Aug	Sun	Rich	Border & Cutting
Liatris Pycnostachya Lobelia Cardinalis	Cardinal Flower	2-3 ft.	Purple Scarlet	Summer AugSept	SunPart Shade	Any Moist	Border & Cutting Border & Waterside
Lupinus Polyphyllus Lychnis Chalcedonica	Campion	2-3 ft.	Assorted Scarlet	Summer	Sun		Border Border, Showy
Mertensia Virginica Monarda Didyma Myosotis Palustris	Oswego Tea	- 2-3 ft.	Blue to Pink Scarlet Blue	July-Aug	Part Shade Sun Part Shade	Any	Border & Rockery Border Border, Naturalizing, Cutting
Papaver Orientale Phlox Divaricata Can-	Oriental Poppy			Summer	Sun	Rich	Border & Cutting
adensisPhlox Subulata	Canadian Phlox	½ ft. 1/2 ft.	White	Spring Spring	Sun. Sun. Sun.	Any	Edging, Rockery&Grd Cover. Edging, Rockery&GrdCover
Physostegia Vivid Platycodon Grandiflora Plumbago Larpentae	False Dragon Head Balloon Flower Leadwort	1½-2 ft. 1½ ft. ½-¾ ft.	Blue Purple Blue	July-Aug June-Oct July-Oct	Sun	Moist Rich	Border & Cutting Border & Cutting Border & Rockery Border & Cutting
	Golden Glow	6 ft.	Yellow	July-Oct	Sun	Any	Border Background
•	Cone Flower		Blue	AugSept	Sun		Border & Cutting Border
Scabiosa Caucasica Sedum Spectabilis	Blue Bonnet	1 ½-2 ft. 1 ½ ft. 2-2 ½ ft.	Lavender Rose White	June-Sept July-Nov All Summer		Any Light Any	Border & Cutting Border & Rockery Border & Cutting Border & Cutting
Veronica Spicata Veronica Subsessilis		3 ft. 2 ft.	BlueBlue	August July-Sept	Sun	Any	Border, Fragrant Border Background Border & Cutting Edging, Very Fine
Viola Jersey Gem	Lujieu Lunsy	½ ft.	Violet	an summer.	oun of Fart Shade	MCH.,,,,,,,,,,,	Edging, very raile

Price for above, except where specially noted, 25c each; \$2.50 per dozen; \$20.00 per 100, buyer's selection. Special offer our selection of varieties (of which we have a surplus) to be made when order is being filled, \$2.00 per dozen; \$16.00 per 100.

# Selected Rock Garden Plants

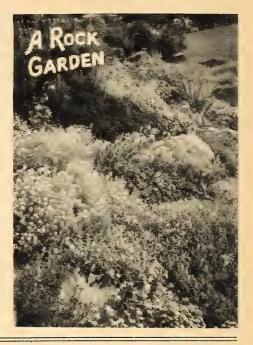
The construction of a rock garden is very simple. It should be located preferably where there is already a natural outcropping of rock. However, if such a site is not available, an attractive garden may be built almost anywhere by following the instructions given in our pamphlet—sent free on application—entitled "The Rock Garden."

#### LIST OF ROCK GARDEN PLANTS

The following varieties were selected because they usually thrive well under varying conditions.

Ajuga Reptans. 4 inches. Deep blue flowers in May and June. Will grow in shade.
Alyssum Saxatile Compactum. 12 inches. Golden yellow flowers in May and June.
Arabis Alpina. 10 inches. White, a good plant for shade. Blooms April to June.
Armeria Maritima. 3 to 6 inches. Pale pink, flowers in May and June.
Aubrietia Eyri. A dwarf creeping plant. Rosy-lilac flowers in May and June.
Campanula Carpatica. 8 inches. Clear blue flowers June to October. Grows well in shady places.
Cerasteum Tomentosum. 10 inches. Silvery foliage and white flower. Blooms in June.
Crucianella Stylosa. 6 inches. Purple ball-shaped flowers in early summer.
Dicentra Eximia. 15 inches. Pink flowers from April to fall;
Gentiana Andrewsi. 2 feet. Intense deep blue flowers July to October.
Geum. Mrs. Bradshaw. 2 feet. Fiery red double flowers May to August.
Hepatica Triloba. Light blue flowers in spring. Grows well in shade.
Heuchera Sanguinea. 12 to 18 inches. Bright crimson flowers June to September.
Iberis. 8 to 10 inches. A good rock plant with evergreen foliage and white flowers in spring.
Incarvillea Delavayi. 18 inches. Large rich rose. Gloxinia-like flowers with deep yellow throats all summer. Grows well in shade.
Lychnis Haageana. 1 foot. Flowers of orange-red, scarlet and crimson. June to August.
Mertensia Virginica. 12 to 18 inches. Light blue flowers changing to clear pink May and June.
Nepeta Mussini. 12 to 18 inches. Lavender flowers July and August.
Phlox Divaricata Canadense. Fragrant lavender flowers in April and May. Grows well in shade. Height 1 foot.
Plumbago Larpentae. 6 to 8 inches. Of spreading habit. Deep blue flowers from June to fall.
Saponaria Ocymoides Splendens. 8 inches. Bright rosy-pink flowers May to August. The following varieties were selected because they usually thrive well under varying conditions.

Price for any of the above Rock Garden Plants, 25c each: \$2.50 per doz.: \$20,00 per 100



# Henderson's Popular Collections of Perennial Plants



# FORGET-ME-NOT COLLECTION 17 PERENNIALS Shown in Colors on p. 69

A succession of bloom with a picturesque effect can be obtained by planting this collection. The different varieties flower at different periods and vary in natural heights, the effect in the garden is a continued source of pleasure, while for cutting purposes most of the varieties are charming and

The letter prefixed to each variety is a key to the flowers shown on page 69

- A. Hollyhock. Double mixed.
  B. Forget-Me-Not. Blue.
  C. Delphinium. Blue.
  D. Pyrethrum Hybridum. Mixed.
  E. Sweet William. Mixed.
  F. Hardy Phlox. Assorted.
  G. Canterbury Bells. Mixed.
  H. Digitalis. Mixed.
- - I. Scabiosa. Blue.
    J. Alyssum Hardy. Yellow.
    K. Coreopsis.
    L. Poppy. Hardy mixed.
    M. Aquilegia. Mixed.
    N. Gaillardia. Hardy.
    O. Carnation. Hardy mixed.
    P. Aster. Hardy mixed.
- Q. Chrysanthemum. Shasta Daisy.

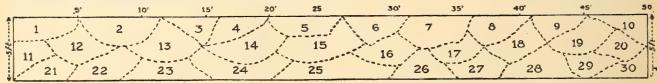
Special Offer—1 plant each of 17 varieties for \$4.00; 3 plants each of 17 varieties for \$10.00; 6 plants each of 17 varieties for \$19.50.

#### THE "IMPERISHABLE" PERENNIAL FLOWER BORDER FOR \$20.00

A sketch plan for a typical hardy perennial border is shown below. To make one like it, 5 by 50 feet would require 100 plants. We list below 30 varieties of contrasting heights and colors and the number of plants for each group. The number after each variety gives the position in which they should be planted.

Plants No. on Plan	Plants	No. on Plan	Plants	No. on Plan	Plants No. on Plan
3 Lobelia cardinalis 1 4 Digitalis 2 2 Anchusa Italica 3 2 Boltonia Asteroides 4 3 Rudbeckia purpurea 5 3 Hibiscus 6 4 Delphinium formosum 7 3 Helianthus multiflorus 8	3 Baptisia Australis 3 Gypsophila panicul 3 Anemone Japonica 4 Gaillardia grandiflo 3 Achillea the Pearl 3 Pyrethrum	ata	3 Coreopsis I 4 Campanula 4 Aquilegia 3 Papaver 4 Alyssum Sa 4 Dianthus	Anceolata 17 a 18	4 Funkia variegated 23 3 Heuchera sanguinea 24 4 Plumbage Larpentae 25 4 Arabis albida 26 3 Monarda didyma 27 4 Iberis 28 3 Scabiosa 29 4 Phlox Subulata 30

The Imperishable Border Collection, 100 plants order is filled we will substitute similar sorts unless instructed to the contrary.



Planting Plan of the "Imperishable" Perennial Border

# Hardy Climbing Plants

### AMPELOPSIS VEITCHII or "Boston Ivy" or "Japan Ivy"

Entirely hardy in the most exposed places, attaining a height of 20 to 30 feet in two or three years, clinging to stones, brick or wood work with the greatest tenacity. It is a great protection to houses, as the leaves, lapping over each other like slates on a roof, effectually prevent rain from penetrating the walls. For covering dead trees, boundary walls, etc., it has no equal. Beautiful autumn foliage. (See illustration.)

Price, strong, one-year pot-grown plants, 35c each, \$3.50 per doz.

#### BIGNONIA RADICANS or Trumpet Creeper

Well adapted for covering walls, arbors, and unsightly places where a showy flowering vine is desired. It is a rapid grower, perfectly hardy and thrives well in exposed places. The flowers are trumpet-shaped and a brilliant orange scarlet.

Price, 50c each; \$5.00 per doz.

### CELASTRUS SCANDENS or Bitter Sweet

A rapid growing climber with ornamental light green foliage, yellow flowers in June and bright orange, yellow and crimson fruit in the autumn. It is known by the popular name Bitter Sweet.

Price, 50c each; \$5.00 per doz.

#### ENGLISH IVY

For Window Boxes. The English Ivy is used extensively for window boxes and vases during the summer; its value for outdoor window boxes in winter is recognized widely, as the display at the large hotels and fine private residences shows. It is also a good climbing plant for the house. For covering graves in cemeteries it is unsurpassed, being evergreen. Used extensively also as a hardy climber. (See illustration.)

Price, strong plants, 4 in pots, 40c each; \$4.00 per doz. Extra size, 60c each; \$6.00 per doz.

#### CLEMATIS

per doz.

Jackmanii. The best-known and most valued variety. Color rich, dark, royal purple.
Price, strong plants, \$1.00 each; \$10.00 per doz.

Price, strong plants, \$1.00 each; \$10.00 per doz.

Montana Undulata. A gem among climbing plants, flowering in great profusion in May. It is a strong vigorous grower, perfectly hardy, disease and insect proof. The anemone-like flowers are white flushed with mauve pink and are 1½ to 2 inches in diameter. (See illustration.)

Price, extra heavy 3-year plants, \$1.00 each; \$10.00 per doz.

Paniculata. Blooms in the early fall and is one mass of fleecy-white fragrant flowers. These are succeeded by the silken seed vessels almost as ornamental as the flowers. It will grow 15 to 20 ft. in a season. It is is insect-proof, it is perfectly hardy, it adapts itself to all situations, thrives everywhere and need only be seen to be admired.

Price, strong 2-year plants, 50c each; \$5.00

LEMATIS MONTANA

Price, strong 2-year plants, 50c each; \$5.00

# **EUONYMUS** Radicans

A low variegated trailing plant with small green leaves edged with white. The branches will cling to stone or root along the ground making it useful as a ground cover or for covering

Price, 35c each; \$3.50 per doz.



### HONEYSUCKLE Japanese

Lonicera Halleana. (Hall's Japan Honeysuckle). Pure white flowers, changing to yellow. Very free blooming and fragrant.

Price, 50c each; \$5.00 per doz.; \$35.00 per 100.

Lonicera, Brachypoda. (Evergreen, sweet scented honeysuckle.) Flowers are buff, yellow and white. One of the most vigorous.

Price, 50c each; \$5.00 per doz.; \$35.00 per 100.

#### PACHYSANDRA Terminalis or Japanese Spurge

A trailing plant which grows 6 to 8 inches high, forming a dense mat. The small flower spikes are grayishwhite and produced in May and June. It is largely used as a ground cover in shady places, being one of the few plants that will thrive under trees, does equally well in sunny locations and makes an excellent border for hardy shrubs, flower beds and walks.

Price, 30c each; \$3.00 per doz.; \$20.00 per 100.

#### VINCA

Vinca Minor or Creeping Myrtle. Well-known trailing plant used extensively for covering the ground under shrubs or trees; in cemeteries for covering graves. They will grow where it is too shady for grass or other plants to thrive. Delicate blue flowers. Price, 35c each; \$3.50 per doz.; \$25.00 per 100.

Bowles Variety. An everblooming periwinkle. Flowers are bright mauve-blue. A valuable border plant. Blooms continuously. Price, 50c each; \$5.00 per doz.

#### WISTARIA

Ornamental hardy climbers. Their lovely panicles of blue and white flowers produced in wonderful Strong, 2-year-old, grafted plants.

Wistaria Sinensis, White. Flowers in drooping clusters, pure white. Price, \$1.00 each.

Wistaria Sinensis, Blue. Flowers in drooping clusters, soft lavender blue. Price, \$1.00 each.

# FLOWERING SHRUBS, HARDY DECIDUOUS

These occupy an important place in the development of the Home Grounds or in any landscape plantings. The present vogue of the Outdoor Living Room permits the use of Flowering Shrubs in greater variety than ever before. Frequently a single specimen will add much to the appearance of the garden. Flowering Shrubs should also serve as a background for the Perennial Border, and for a dividing line between properties there is nothing more suitable.

Our plants are all 2 to 3 years transplanted, and range from 1½ to 3 ft. in height, according to variety; some being stronger growing, are consequently taller at the same age. In the description of each variety we give the natural heights at maturity, but they can be kept any size desired by pruning. Those marked \* may be planted in a shady place.

#### AMYGDALUS, Flowering Almond

Double Pink. The miniature double, rose-like blossoms cover the entire shrub. Very hardy, very graceful; blooms in May; height 3 to 5 feet. Price, 75c each; \$7.50 per doz.

#### ALTHEA, Rose of Sharon

Valuable for their late blooming. Grows to a height of 10 to 12 feet. Flowers in August and September. We offer Double White and Double Red. Price, 75c each; \$7.50 per doz.

#### BEAUTY BUSH, Kolkwitzia Amabilis

A recent introduction from Asia, discovered by the late E. H. Wilson. Proclaimed the perfect shrub. In early June its sprays of tiny foxglove-like blossoms transform it into a fountain of pink loveliness. Attains a height of 6 feet. A valuable addition to every garden. Price, \$1.00 each; \$10.00 per doz.

#### BERBERIS, Barberry

Thunbergii (Japanese Barberry). Of low, spreading growth, forming a dense impenetrable bush. The branches are set with sharp thorns. Small yellow flowers in the spring followed by bright scarlet berries in the late summer and fall. The foliage turns orange and scarlet in the autumn. A valuable hedge plant. Height 4 to 6 feet.

Price, 35c each; \$3.50 per doz.; \$25.00 per 100.

Thunbergii Atropurpurea (New Red Leaved Japanese Barberry). Similar in all respects to the green-leaved Japanese Barberry, except that the foliage is bronzy red. As the season advances the color changes to vivid orange scarlet. Should be planted in full exposure to the sun for best color. (See illustration.)

Price, plants 12 to 15 inches high, 75c each; \$7.50 per doz.

#### BUDDLEIA, Butterfly Shrub

Ile de France. (New.) The richest, the loveliest, the most beautiful of its race. The flower spikes are a foot long and their color is a glowing claret-purple. Very free blooming and vigorous. It attains a height of 6 to 8 feet. An exquisite cut flower. Blooms all summer. (See illustration.) Price, \$1.25 each; \$1.2.50 per doz.

Magnifica. The long, graceful spikes of flowers are of a pleasing, rich violet rose and are produced in profusion from early June until late autumn. The plant dies down in winter but comes up again early spring.

The plant dies down in winter, but comes up again every spring. Price, 75c each; \$7.50 per doz.

#### \*CALYCANTHUS, Strawberry Shrub

Floridus. A strong, upright grower with large, handsome foliage eculiar reddish-brown sweet scented flowers in May. It grows to a height 4 to 6 feet, and will thrive either in sunny or shady places. Price, 75c each; \$7.50 per doz.

#### \*DEUTZIA

Very ornamental when planted either singly or in a border. They thrive in any good soil and are profuse bloomers.

Crenata. Flowers, pure white, tinged rose. Height, 6 to 8 feet. Blooms in June and July. (See illustration.)

Gracilis. Covered with white flowers in May and June. Graceful and attractive at all times. Height, 2 to 4 feet.

Pride of Rochester. Large double white flowers in June and July. eight, 6 to 7 feet. Price, any of above, 75c each; \$7.50 per doz.

#### \*FORSYTHIA, Golden Bell

Spectabilis. The showiest of all; makes a fountainlike growth. Every twig densely covered with golden yellow bells. Height, 6 to 8 feet. Flowers in March or early April, before the foliage appears.

Viridissima. A little later than the preceding. Vigorous, upright growth. Height, 10 to 12 feet.

Price, any of above, 75c each; \$7.50 per doz.

#### HYDRANGEA, Hardy Shrubby

Arborescens Grandiflora. The heads of flowers are snowy white. It is a true shrub; begins to bloom in early summer and continues into the fall, so that it is practically everblooming. It attains a height of 6 feet and the same width, and is literally loaded with its grand panicles of large snowy white flowers, one of the grandest sights imaginable.

Price, strong two-year-old plants, 2 to 3 feet high, \$1.00 each; \$10.00

per doz.

Paniculata Grandi fora. This is the most popular hardy shrub in cultivation. It attains a height of 8 to 10 feet. Perfectly hardy in all parts of the country. The flowers are white when first open, but change to pink and russet brown. They are borne in immense pyramidal panicles, nearly a foot in length. It commences flowering in August and continues in bloom the rest of the season, the flowers drying on the bushes. Price, strong plants, 2 ½ to 3 feet high, 75c each; \$7.50 per doz.

#### \*LONICERA, Bush Honeysuckle

Fragrantissima. A delightful shrub for its tiny creamy white waxen flowers that are produced before the leaves unfold. Very fragrant. The foliage is very decorative; in late autumn the plant is studded all over with red berries. Height, 5 to 6 feet.

Price, 75c each; \$7.50 per doz.

#### \*PHILADELPHUS, Mock Orange

Very desirable free-blooming shrubs of erect habit and easiest culture in any common soil. The sweet scented variety Coronarius or Mock Orange is almost as well known as the Lilac.

Coronarius. Sweet scented pure white flowers. Height, 8 to 10 feet.

Lemoinei. Compact and graceful; grows to a height of 6 feet, with semidouble fragrant flowers produced in great abundance

Virginal. Rated by many as the finest. Flowers are semi-double, two inches across; very prolific; delightfully fragrant. Main crop of flowers is produced in late May and June, and a scattering of blossoms throughout the summer. Very vigorous. Height, 6 to 8 feet.

Price for any of above, 75c each; \$7.50 per doz.







Purchaser pays transportation charges on shrubs. See notice top of page 131.









#### PRUNUS, Double Flowering Plum

A most ornamental early flowering shrub of vigorous growth. The light pink, double flowers are produced in early spring before the leaves develop. Height, 4 to 6 feet. (See illustration.) Price, 75c each; \$7.50 per doz.

#### \*RHODOTYPOS, Jetbead, White Kerria

Kerrioides. Prized for its shining jet black berries which cover the plant during the winter; also for its showy white flowers during May and June. Height, 6 to 8 feet.

Price, 75c each; \$7.50 per doz.

#### SPIREA

The Spireas will grow in almost any soil, but thrive best where the ground is moist and well drained.

Anthony Waterer. Carmine crimson flowers from June to November. Height, 2 to 3 feet.

Prunifolia. (Bridal Wreath.) One of the showiest spring shrubs. In May the branches are covered with small double white flowers. Height, 6 to 8 feet.

Thunbergii. Of dwarf, bushy habit; rarely exceeding 3 feet in height. White flowers in April and May.

Van Houttei. Flowers of pure white, borne in greatest profusion in June. Very showy. Height, 8 to 10 feet. (See illustration.)
Price, any of above, 75c each; \$7.50 per doz.

#### SYMPHORICARPUS, Snowberry

. Chenaulti. This new variety originated at the Arnold Arboretum. It forms a most graceful, shapely plant about 3 feet, high and 5 feet in diameter, with small foliage and dense branches, which in fall bear an abundance of white to pink fruits.

Racemosus. An old favorite. In July and August it has small pink flowers, which are followed by great numbers of large pure white, waxlike berries in clusters that remain until freezing weather. Conspicuous and interesting.

Price, any of above, 75c each; \$7.50 per doz.

#### HEDGE PLANTS

#### BARBERRY, (See description on opposite page)

It is ideal as a hedge plant on account of its dense bushy growth, also because it requires but little pruning to keep it in shape.

#### PRIVET, Ligustrum ovalifolium

California Privet. Of all the shrubs which have been tried for hedging, none can compare with this. Of easy growth and splendid foliage, free from insects. Its inexpensiveness alone would give it first place for the purpose. It is now planted by the million annually. (See illustration.)

Price, strong shrubs, 1½ to 2 feet high, 75c per doz.; \$5.00 per 100; \$45.00 per 1,000; extra strong, 2 to 3 feet high, \$1.00 per doz.; \$7.00 per 100; \$60.00 per 1,000.

Our Pamphlet on the Pruning and Care of Hardy Shrubs and California Privet sent free on application.

#### SYRINGA, Lilac

Everyone wants lilacs in May; they add beauty and sweetness to any surroundings. This year we have pleasure in offering three of the finest and largest flowering French Hybrid varieties. (See illustration.)

**Jan Van Tol.** A new French Lilac with pure white, single flowers in long trusses. One of the finest in cultivation.

Hugo Koster. Single. A superb, soft pinkish lilac. The trusses are beautifully formed; the contour of the shrub is perfect.

Ruhm Von Horstenstein. It is perfectly glorious in the richness of its magnificently formed, large, single royal purplish-red flowers.

Price, any of above, \$1.00 each; \$10.00 per doz. Set of three-French Lilacs, \$2.75.

Vulgaris. (Common Purple Lilac.) The old-fashioned purple variety. Height, 12 to 14 feet.

Vulgaris Alba. (Common White Lilac) Beautiful pure white owers. Height, 12 to 14 feet.

Price of Common Lilacs, 75c each; \$7.50 per doz.

#### VIBURNUM, Japan Snowball

Plicatum. The pure white, perfectly round 3 to 4-inch balls, produced in great quantities during June, above the artistically wrinkled foliage make it one of the choicest—one of the most popular. In all, a very commanding specimen. Height, 8 to 10 feet. Price, 75c each; \$7.50 per doz.

#### \*WEIGELIA, Diervilla

There is no shrub more deservedly popular. All of the varieties are very ornamental and should be found in every collection.

Candida. White flowers in great profusion from June to November. Height, 6 to 8 feet.

Eva Rathke. Very distinct. Color, deep carmine red. Flowers continuously throughout the summer and autumn. Height, 6 to 8 feet.

Rosea. Rich, rose-colored flowers in June and July. A beautiful shrub. Height, 6 to 8 feet. (See illustration.)
Price, any of above, 75c each; \$7.50 per doz.



Purchaser pays transportation charges on shrubs. See notice top of page 13)



# HARDY GRAPES 2-Year Vines

Caco or Catawba Concord

A cross between the old favorite Catawba and the well-known Concord. It ripens a little in advance of the Concord. This variety fully equals the Concord in strength and rapidity of growth and is very hardy. The color is a rich, sparkling winered, with abundant bloom. Bunch large; berry medium to large and almost round. The crowning merit, however, is its quality, surpassing in tenderness of pulp, luscious flavor and aroma the Catawba, while it is as prolific as the Concord. (See illustration.)

75c each, \$7.50 per doz.

Campbell's Early are a very strong, vigorous hardy vine, with thick heavy, mildew-resisting foliage, and bearing abundant clusters; very large, compact and handsome. Berries large, often an inch or more in diameter; black, with light purple bloom; skin thin, but very tenacious; flesh firm but tender, parting easily from its few and small seeds. Flavor rich, sweet, slightly vinous, free from foxiness. Its season is very early, and its keeping qualities remarkable.

75c each, \$7.50 per doz.

Green Mountain (Winchell.) This, the earliest white grape, has been thoroughly tested over a wide area, and has proved quality. Bunch medium to large, shouldered; berries medium, greenish-white; skin thin, tough, pulp tender, sweet, with few seeds; the flavor is excellent. 75c each, \$7.50 per doz.

Concord Generally considered the best American Grape. Bunch and berries large; color black with a rich bloom. A strong grower, very hardy, bealthy and productive. The variety used exclusively for grape juice and a reliable sort for general cultivation.

60c each, \$6.00 per doz.

**Delaware** An old standard red variety. Berries small and compact, skin thin but firm, flesh juicy, very sweet and refreshing. A moderate grower 60c each, \$6.00 per doz.

Niagara

The old favorite white Grape.
medium size, round, skin thin,
Sweet with a flavor and aroma peculiarly its own.

Bunch large and handsome. Berries
tough, does not crack and ships well.
Ripens with Concord or a little earlier 60c each, \$6.00 per doz.

### HENDERSON'S SELECTION OF THE NEWER STRAWBERRIES

The Strawberries following were transplanted into cold frames in the fall, and if planted out any time before May 5th, will, under proper conditions.

All the varieties offered are perfect flowering (bise-vual) except where marked P or pistillate. The latter must have a row of a perfect flowering sort every nine or twelve feet to pollenize their blossoms.

Bushel-basket. (Mid-season, Perfect Flowering.) This veritable giant is creating a genuine sensation throughout the New England States. It is an immense plant, fruiting in mid-season; and the fruit, though unusually large, is freely produced and of high quality.

Chesapeake. (Mid-season to Late, Pistillate.) A splendid grower making just enough runners for a matted row. The plants root deeply, are vigorous and healthy, with large foliage. One of the best in flavor, shape, size, color and appearance. The berries, when good and ripe, are rather dark, like Marshall.

Early Jersey Giant. (Early, Perfect Flowering.) There is no known variety that ripens earlier and none bearing large berries that come near it in earliness. The berries are brilliant crimson scarlet in color, very firm, conical in shape, with pointed tip and it colors all over at once. They have a rich aroma, and delightfully mild wild strawberry flavor.

Edmund Wilson. (Mid-season, Perfect Flowering.) This is not a commercial variety, but one for the home garden. The berries are bluntly heartshaped in form, deep maroon in color, with firm, smooth surface. The plants soon fill a space a foot square, and grow to a height of 15 inches.

John H. Cook. (Mid-season, Perfect Flowering.) This is the finest of all the wonderful Van Fleet Hybrids. It is an enormous cropper, ripening with the second early varieties. The berries are of exquisite quality, blood red in color, and very firm. Of superlative excellence for the home garden, and of untold value to the market grower. In delicious flavor it closely approaches the wild strawherries strawberries.

Stevens Late Champion. (Late, Perfect Flowering.) One of the latest of the late, it is also one of the best either for the home garden or for market. It is a big producer of fine, large, bright colored berries, holding up in size well to the very end of the season. Its very late bloom makes it immune to late spring frosts, and it is in full fruit when most other varieties have entirely finished their fruiting season.

Price of the Newer Strawberries, 50c per doz.; \$3.00 per 100; \$18.00 per 1000.

#### FALL-FRUITING VARIETIES

The varieties described below will produce fruit at the same season as the ordinary strawberries, and keep on bearing until frost; yet to get the best results the blossoms should be kept cut off until August 1st, so as to conserve the energies of the plants for the fall crop. Treated in that way, ripe fruit will be borne in about three weeks after that date and continuously until frost.

Champion Everbearing. This is one of the newer varieties that promises to be a decidedly more prolific sort than Superb, which it resembles in habit of growth and appearance of fruit.

Lucky Boy. Claimed to be "the biggest, sweetest, and most productive ever-bearing strawberry as yet produced." From its behavior with us and the enthusiastic reports we have received from other growers, we feel it is destined to be the "ever-bearing variety of the future."

Mastodon. Called by some the Wonderberry. A large, heavy yielding every-bearing variety of delicious flavor yields a large crop in June and continues to bear berries of amazing size and surpassing quality throughout the summer and fall. (See illustration.)

Progressive. A splendid grower, healthy and hardy, very productive. Both blossoms and fruit are well protected by the strong healthy foliage. The fruit is rich and sweet; a deep red inside and out; of good medium size, with a slight neck and quite firm.

Price, 75c per doz.; \$4.00 per 100.

Note.— The Strawberry plants offered in this catalogue cannot usually be supplied after May 5th. Our summer list of Pot-grown Strawberries is usually ready about June 15th, and is mailed free to customers, or may be had upon application by mail when ready.



"The Garden Culture of Small Fruits," a pamphlet giving practical instructions on the planting and subsequent care of Garden Fruits, will be sent free to customers on application. Purchaser pays transportation charges on Plants.

See notice top of page 131.



#### ST. REGIS Continuous-Fruiting Red Raspberry

It is the earliest of all red raspberries; beginning to ripen in New Jersey from June 15th to 20th—just as the strawberry crop is waning.

It is wonderfully prolific; the first or main crop being far greater than that

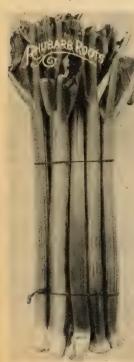
of any other red variety known; it succeeds upon all soils, and the canes are absolutely hardy.

It fruits on the old canes in generous quantities until late in August. By that date berries begin to ripen upon the young canes, which continue to produce berries in increasing numbers until severe frost.

The berries are a bright crimson, of large size and surpassing quality—rich sugary, with full raspberry flavor. They keep in good condition longer after being gathered than other varieties. (See illustration.)

Price, strong transplanted plants, \$1.00 per doz.; \$7.00 per 100.

If wanted by Parcel Post add 10c per doz.



#### Vegetable Plants and Roots

Chives. Price, per clump, 25c each; \$2.50 per doz.; \$18.00 per 100.

Horse Radish Roots. Price, 35c per doz.; \$2.00 per 100.

Lavender, Pot-grown, Price, 25c each, \$2.50 per dozes 5.00 per 100.

Mint (Spearmint). Pot-grown. Price, 25c each; \$2.50 per doz.; \$15.00 per 100.

Parsley, Emerald. Pot-grown. Price, 15c each; \$1.50 per doz.; \$8.00 per 100.

Sage. Price, pot-grown plants, 25c each; \$2.50 per doz.

Tarragon, True French. Price, 35c each; \$3.50 per doz.; \$20.00 per 100.

Thyme Broad-leaved. Price, pot-grown plants, 25c each; \$2.50 per doz.

#### Rhubarb Roots

St. Martin's. It is not only immensely productive, but it is also one of the earliest and has a rich spicy flavor. (See illustration.) Price, 30c each; \$3.00 per doz.

Linnaeus. Bright red stalks. Price 25c each; \$2.50 per doz. If wanted by Parcel Post add postage at Zone Rates. Weight 3 lbs. per doz.

#### **BLACKBERRY "JOY"**

An excellent midseason variety for the home garden. The berries are of large size and superb quality, with a flavor that is rich, sweet and luscious. They are almost as thick as they are long, and coal black. The canes are ironclad, hardy, of stocky, vigorous habit; so stout and strong that they do not need staking. It is one of the most reliable of all blackberries and never fails to mature a large crop. (See illustration.)

Price \$1.00 per doc. \$7.00 per \$6.00.

Price, \$1.00 per doz.; \$7.00 per 100.

#### BLACKBERRIES Selected

Blowers. A strictly fancy variety. Berries very large, attractive and of superb quality.

Eldorado. The berries are very large, jet black, borne in clusters and ripen well together.

Macatawa. The fruit is very large and handsome, intense black with a very high polish and without any core, juicy, high flavored, of so superior a quality that it is in a class by itself. \$1.00 per doz., \$7.00 per 100.

Merserau. A mammoth early, ironclad hardy berry. Exceptionally sweet and melting, being without core.

Dewberry Lucretia or Creeping Blackberry, conceded to be the best of its class. Berries firm, sweet and luscious throughout.

Price for the above, except where noted, Blackberries, 75c per doz.; \$5.00 per 100. If wanted by Parcel Post add 10c per doz. for packing and postage.

# RASPBERRIES Selected BLACK VARIETIES

Black Diamond. A berry very popular among western New York growers.
One of the strongest growers making an abundance of good, clean wood which ripens up well in the fall, thus enabling it to withstand the cold winters remarkably well. Fruit jet black and juicy with few seeds.

**Cumberland.** In size the fruit is simply enormous, the berries measuring seven-eighths of an inch in diameter, but in spite of this, the fruit is possessed of unusual firmness. Extremely vigorous and remarkably free from

The "Munger." The fruit is black and resembles Gregg very much. It is a better flavored berry than Gregg, tougher in texture, and therefore a better shipper. In size it excels Gregg, and is extra fine for the table and

Price for the above Raspberries, 75c per doz.; \$5.00 per 100.

If wanted by Parcel Post add 10c per doz. for packing and postage.

Cardinal. This wonderful berry is a surprise in the fullness of its merit, great growth, extreme hardiness and wonderful productiveness. It will grow 10 feet high and bear accordingly, producing its choice, rich, red, pure-flavored fruit in marvelous abundance

Miller. An early variety, large fruited and profuse bearer; vigorous grower, with large and abundant foliage; color, brilliant red; sweet, luscious flavor.

The King. The earliest red raspberry grown. Large fruits, firm, beautiful light crimson color; the quality is excellent.

Price for the above Raspberries, 75c per doz.; \$5.00 per 100.

If wanted by Parcel Post add 10c per doz. for packing and postage.

The "Garden Culture of Small Fruits" gives practical instructions on planting and culture. Sent free to customers on application.



Purchaser pays transportation charges on Plants and Roots, See notice top of page 131.

# IMPLEMENT DEPARTMENT

SPECIAL NOTICE.—We prepay transportation charges on Lawn Mowers, Fertilizers, and Insecticides where noted, by parcel post, express, or freight at our option within the first and second zones (150 miles of New York City). Purchasers beyond these zones pay transportation charges.

Purchaser pays transportation charges on implements, fertilizers and insecticides except where noted. We guarantee the safe delivery of all implements and requisites shipped by parcel post or express in the United States. For postage on mailable articles, see zone rate in next column. Special packing for export shipments charged for 'at cost. Poisonous liquids and insecticides are not mailable, consequently they must be shipped by express or freight.

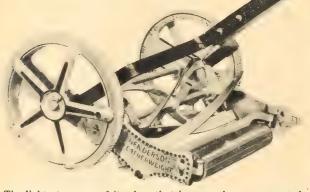
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.Important—In remitting postage, always add it to the foot of order as a separate item—this will help to avoid mistakes.

# HENDERSON'S HIGH QUALITY LAWN MOWERS

### THE HENDERSON "FEATHERWEIGHT" LAWN MOWER

The Lightest and Easiest Running Mower in the World. Leaves the Lawn Like Velvet.



The lightest mower of its class that has ever been constructedfully 20 per cent lighter than any other of equal strength and durability. All excess weight and clumsiness have been eliminated. Perfect balance and steel ball-bearings contribute to its ease of operation, and skillful adjustment of the fittings eliminates all rattling and squeakiness. The result is a mower that requires no more effort to operate than is needed to push a vacuum cleaner across a rug-

The wheels are 10 inches in diameter; this permits the mower to roll over rough or uneven surfaces without lessening its cutting efficiency. Another feature that is exclusive in the Henderson 'Featherweight' is that the knife is close to the outer point of the wheels. This permits close cutting around trees or other obstructions. The 6½-inch diameter of the reel enables it to cut tall grass as well as to clip the closest turf. It has 4 crucible steel, oil-tempered blades. The lower blade is made of the highest grade cutlery steel. hardened, tempered and ground, so that the mower always remains

The machine is of the two-gear internal driver and pinion type with ratchet in pinions. The pinions revolve on the reel shaft when the mower is rolled backwards. The rachet is of the double pawl design placed in pinions.

The adjustments of this mower are the most positive, permanent and the most easily understood that have ever been devised, and changes in adjustment of the knives may be made almost instantaneously. It never goes out of adjustment on its own accord. The finish is in red and gold.

The milish is in red and gold.	
Price 14-inch cut, weight 35 lbs\$1	
" 16-inch cut, weight 36 lbs	4.50
" 18-inch cut, weight 37 lbs	5.50
Grass Catchers for any of the above Mowers \$2.50 each	

#### Universal Lawn Trimmer

For trimming grass close up to the fence or wall, thus reducing hand work with shears to a min-imum. It will also be found handy for trimming up around trees, under bushes, etc. cuts 6 inches in width.

Price, \$9.00. Delivered transportation paid, See Special Notice above. See Special



# The Henderson Model "A" Lawn Mower

Self-Adjusting Ball Bearings. Self-Sharpening Cutting Knife



Equipped with self-adjusting ball bearings to the wiper shaft, and spiral blades which shear the edge of the sta-tionary knife at an acute angle, thus cutting the grass by drawing it across the edge of the stationary cutting knife in-stead of pushing it across, as done in other Mowers.

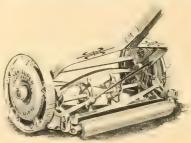
Specifications of Model "A"

Eleven-inch Traction Wheels; 6-inch wiper cylinder with five drawcut spiral blades; self-adjusting ball bearings to wiper shaft; flexi-rigid, twinedge cutting knife; spade grip handle; handsomely decorated in colors, gold and silver. (See illustration.)

Price, 14-inch cut, \$15.00; 16-inch cut, \$17.00; 18-inch cut, \$18.00; 20-inch cut, \$19.00. Delivered transportation paid. See Special Notice above.

Grass Catchers—14-inch, \$2.00; 16-inch, \$2.00; 18-inch, \$2.50; 20-inch, \$2.50.

#### Pennsylvania Super Great American Lawn Mower



A popular high quality mower; 5-cylinder Blades; Self-sharpening; 10-inch High Wheels; Easy run-ning Mower. Ball Bearing

Grass Catcher Price 15 in. \$19.50 \$2.00 Extra 17 in. 22.00 2.50 Extra 19 in. 24.50 2.50 Extra

Delivered transportation paid. See Special Notice above.

#### Henderson's Border and Terrace Mower

Designed to cut the grass on borders—the narrow strips of sod sometimes only a few inches wide, between flower beds and walks. In our Border Mower a large

light cylinder extends the full width of the mower and keeps the machine level with the surface and does perfect work. This machine is also unsurpassed for regular lawn work.

Price 12-inch cut......\$22.00 14-inch cut. . . . . 23.00 16-inch cut. . . . . 25.00 " 16-inch cut...... No Catcher supplied.

Delivered transportation paid. See Special Notice above.



#### Improved Horse Lawn Mower For Large Lawns, Golf Courses, Cemeteries, Parks, Etc.

in three sizes-30-inch. Manufactured 35-inch, and 38-inch.

As they weigh (with driver) from 600 to 700 ibs. they may be used as rollers only, by

throwing the cutter out of gear.

Prices, including tool box, seat, shafts and rices, including tool box, seat, sharts and side draft attachments: 30-inch cut, \$135.00, packed weight, 625 lbs.; 35-inch cut, \$145.00, packed weight, 680 lbs.; 38-inch cut, \$155.00, packed weight, 680 lbs.

Purchaser pays transportation.

#### Universal Grass Catchers Quickly Attached or Detached-Very Durable

This Catcher will fit any Lawn Mower having a cut of from 12 to 20 inches.

The bottom is made of heavy galvanized

sheet iron and the sides are made of heavy white canvas.

12-in. to 16-in. width Mower.....\$2.00 17-in. to 20-in. width Mower...... 2.50

Purchaser pays transportation.



Universal Grass Catcher

### Sod Perforator

An invaluable tool to aid in renovating bad spots lawns, grass plots, putting-greens, etc. It is operated like a rammer, the lower surface being provided with spikes which puncture the sod, leaving small holes into which the seed or fer-tilizer drops when broadcasted.



Price, \$4.25. Purchaser pays transportation.

#### Henderson's Sod Tamper

Useful in laying new sod—and in tamping back sod that has heaved from frost, etc.

Cast iron, 8 inches square.
Price, \$1.50 each. Purchaser pays transportation.



#### American Sod Lifter

A handy tool for cutting under and lifting sod; solid steel blade; 18-inch shank, D-

Price, \$2.25. Purchaser pays transportation.



# The Moto-Mower A Compact, Simple and Economical Power Mower

The Moto-Mower is light in weight and sturdy in construction. The engine is strong, durable, and of simple design. It is the 4-cycle valve in head type and develops 2½ horsepower. The crank and cam shafts are made of chrome nickel steel, accurately machined and bearing parts are finely ground. The carburetor and magneto are

steel, accurately machined and bearing parts are finely ground. The carburetor and magneto are specially designed to develop maximum power. The performance of the Moto-Mower is all that can be desired. It cuts a swath 18 to 27 inches wide (see below) and can be raised or lowered from ¼ to 3½ inches. It will cut 4 to 5 acres of lawn a day and climb a 35 per cent grade on a gasoline consumption of only about one gallon per day. It therefore combines efficiency of operation with economy of cost.

PRICES

I MICEO
Junior Model, 18 in \$131.00
City Model, 21 in
Super Detroit Model, 27 in 294.00
Purchaser pays transportation.

The Junior Model



#### The Henderson Grass Seeder No. 106 10 Foot. For Sowing All Grass Seeds Broadcast

It has a large hopper, easily filled, carried beneath the handles and discharges close to the ground, so wind does not affect sowing of even the lightest seeds.

It is quickly adjusted to sow any quantity desired, any kind of seed and mixed seeds. This is controlled by changing the stroke of the moving cable in the hopper. The positive uniform feed prevents bunching and consequent loss of seed.

It is nicely balanced and easily handled.
Simple in construction and operation. A

Price, \$22.00. Shipping weight, 60 lbs, Purchaser pays transportation.



#### LAWNETTE

#### Seed Sower and Fertilizer Spreader

Expert hand sowing cannot equal the accuracy of this new invention. It sows grass seed rapidly and uniformly at any rate desired; also spreads lime, fertilizers, pul-

verized sheep manure or humus, chemicals and topdressing materials. Holds about 25 lbs. of material. Price, \$6.50; transportation paid.



#### Cahoon's Improved Broadcast Seed Sower

Will sow all kinds of grass and grain seeds from 4 to 8 acres per hour at a common walking gait. Heavy seeds, such as wheat, it will throw 40 feet (20 feet each side of the operator);

lighter seeds, of course, will not be thrown so far. Weight, 8 lbs. Price, \$5.00. Purchaser pays

transportation.

#### Portable Refuse Burner



portable steel rack for burning refuse and waste matter.

Is fitted with broad-tired wheels. A strong steel pan is fitted under the axle which catches all the fire and ashes.

No. 1. Capacity, 16 cubic feet. \$48.00 No. 2. Capacity, 11 cubic feet. 43.00 No. 3. Capacity, 5 cubic feet. 38.00 Purchaser pays transportation.

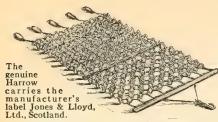
#### Pennsylvania Lawn Cleaner

The suction created by the three rapidly revolving brushes (or rakes) cleans the lawn on the same principle as the vacuum

The brushes are recommended The brushes are recommender for removing worm-casts from putting greens, tennis courts, bowling greens and other close-cut lawns, where a smooth surface is essential. It can also be used as a lawn or sidewalk cleaner, for removing leaves and removing leaves and other litter. The change from rakes change from rakes to brushes, or vice versa, is easily made without taking the machine apart. Equipped with rakes when shipped; brushes are extra. Width, inches.....

Width, Inches.
Shipping weight, lbs.
Price, each.
Extra set rakes or brushes. .\$30.00

We stock repair parts for all Henderson's Horse and Hand Power Lawn Mowers. Price list on application. In ordering parts, send width of cut and number cast on inside of wheel.



### Imported Scotch Chain Harrow

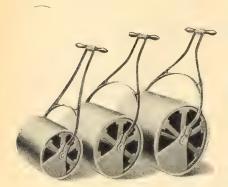
For Surface Pulverizing, Leveling and Seed Covering. Valuable for Golf Courses.

#### Wrought-Iron Links, Very Durable

The Scotch Chain Harrow is much sought after for the following reasons: It is one of the implements for pulverizing the surface of the soil, leveling and smoothing, and is also splendid for covering grass seeds, etc., being superior to the Brush Harrow for this purpose. Used on driveways and racetracks, it smooths the surface, eliminates ruts and footprints. It is made of wrought-iron links, as illustrated, and is very durable.

Sizes and Prices One-horse size, 5 x 6 feet. Weight, 120 lbs	à
One-horse size, 5 x 6 feet. Weight, 120 lbs.	30.00
Medium, two-horse size, 6 x 7½ feet. Weight, 170 lbs	40.00
Full two-horse size, $7\frac{1}{2} \times 7\frac{1}{2}$ feet. Weight, 200 lbs.	50.00 B
Purchaser pays transportation.	

Peter Henderson & Co. is the Sole Agent for the Sale of this Harrow in the U. S.



#### Henderson's Iron Hand Roller

Made in one, two and three sections. The faces are ground smooth, so they will not pick up and carry large lumps of earth; the outer edges are beveled to prevent marking. axles are of steel, the sections fit closely and the handles are of our improved design, made of selected hardwood, will not break and are counter-balanced so they always keep up from the ground, clean and out of the way. To get the best results, one weighing from between 300 and 350 lbs. should be used. Purchaser pays transportation.

-				
No.	Diam.	Length	Weight	Prices
502	15 ins.	22 in. in 3 sec.	250 lbs.	\$18.00
504	20 ins.	20 in. in 2 sec.	250 lbs.	20.00
506	20 ins.	24 in. in 3 sec.	300 lbs.	25.00
508	20 ins.	30 in. in 3 sec.	350 lbs.	30.00

#### Sheet Steel Water Weight Roller

If even greater weight is desired, sand may be substituted for the water.

If water is used, it should be allowed to run out after using the roller. It can then be stored conveniently in a garage or

The construction of this roller is strong and durable. The edges are rounded in order to avoid cutting or tearing up sod. A scraper fixed on top of the drum insures a clean surface. Purchaser pays transportation.

No.	Diam- eter, Inches	Length, Inches	Approx. Weight, Empty	Filled with Water	Price Each
605	14	24	68 lbs.	175 lbs.	\$12.00
602	18	24	85 lbs.	265 lbs.	15.00
603	24	24	110 lbs.	420 lbs.	18.00
604	24	32	130 lbs.	565 lbs	20.00



The Henderson Spike Roller

#### The Henderson Spike Roller Indepensable for turf renovation work.

On all turf that is subjected to trampling, it is a matter of but a very short time when the upper surface of the soil becomes so constricted or hide-bound that it hinders the natural growth of grass. The simplest remedy for such a condition is to go over the turf with the Henderson Spike Roller. By using this roller top-dressings and sand

may be admitted freely to the roots, the beneficial effects of which are immediately apparent in the better growth of the grass. It is also necessary for aerating the soil and to improve the surface drainage.

The Roller, which can be easily manipulated by one man, is 3 feet wide, made in three sections, and is 10 inches in diameter. It is built of rock maple, and each section is banded on both ends with steel. It is closely studded with steel spikes that are easily removable with a wrench, which we furnish with the Roller. The net weight of the Roller is 185 lbs., which may be increased at least another 100 lbs. by placing bags of sand in the tray.

Price, \$50.00. Purchaser pays transportation.

#### All Iron Hose Reel

The All Iron Hose Reels are indestructible, light in weight, frictionless and are easily manipulated. These reels cannot tip over when unreeling, and there is no weight of hose to carry on the handle.

Prices:
No. 10. 21-in., holds 100 feet 34-in. hose, \$4.00.
No. 20. 24-in., holds 150 feet 34-in. hose, \$5.00.
No. 30. 30-in., holds 500 feet 34-in. hose, \$8.50.
Purchaser pays transportation.



#### The Virginia Reel

It is light, durable and capacious, easily reeling up 100 feet of ¾-in. hose on its galvanized drum. The frame is constructed of heavy, round edge channel steel, and a steel ring is provided for locking the drum. There is also an adjustable clamp attached to the frame to which the nozzle of the hose may be fixed for spraying. The Virginia Reel is provided with rubber-tired disc wheels. Price, \$3.00. Purchaser pays transportation.

#### Fertilizer Sower, Stevens' Hand Power

The hopper is 34 inches long and holds 1½ bushels. Weight of machine, 83 lbs. It is well made. Price, \$26.00. Purchaser pays transportation.



Stevens' Fertilizer Sower

#### Wheelbarrow Leaf Rack

A handy device for collecting leaves and litter. It fits on any wheelbarrow with removable sides. It is made of galvanized wire, bolted to a wooden base; capacity, about 10 bushels.

Price (rack only), \$8.50. Purchaser pays trans-

portation.



Wheelbarrow Leaf Rack

#### Henderson's Border Fencing

for lawns, flower beds, vegetable gardens, etc., as a protection from romping children, chickens, dogs, etc. Can be taken up and used from year to year. Will conform to any shaped bed or border. Pickets are made from No. 9 heavily galvanized wire, spaced 3 inches. Height, 22 ins. Prices:

15-ft. roll. \$1.75

13-14 foli 2.75 25-ft roll 2.75 50-ft roll 4.75 100-ft roll 11.00 165-ft roll - 15.00

Purchaser pays transportation.



#### The Henderson "Allover" Sprinkler

Three patented sprinkler nozzles are attached to two sections of high quality rubber hose each fifteen feet long. This permits great flexibility allowing the outfit to be laid straight, in a circle or at any angle desired.

When laid straight—with average pressure—it' will sprinkle thoroughly an area about fifty feet long and twenty feet wide. The nozzles break the water into a very fine mist which will penetrate into but not wash the soil. It is therefore safe to use even on a newly planted lawn.

If it is necessary to irrigate a very small section of the garden only, two of the nozzles may be removed and only the end one used. This is the most practical and efficient sprinkler system that has ever been offered. Price complete, \$5.50.

Extra 15 foot section of hose with couplings, \$1.50

Extra Connecting Nozzles, 80c each.

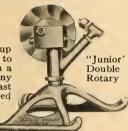
Extra End Nozzles, \$1.00 each. Transportation paid.

Extra End Nozzles, \$1.00 each. Transportation paid.

#### "Junior" Double Rotary

Junior is a small type of the famous Double Rotary that distributes water evenly and economically covering an area up to 60 feet in diameter. Easily regulated to cover large or small areas—to sprinkle in a circle or on a straight line—to rotate at any speed desired. Built of best materials to last years. Convenient skid base—easily moved by pulling on hose. by pulling on hose.

Transportation Price, \$7.50. paid.





#### Anaconda

It is adapted for general garden use. It stands 10 inches high and at a pressure of 20 lbs. will cover an area 40 feet in diameter. Equipped with 34 inch loose swivel Connections. Finished in Duco.

Price, \$1.75. Transportation paid.



#### "Water Witch"

The water is divided and deflected by The water is divided and denected by the top of the swivel piece, which causes it to revolve rapidly, scattering the water in fine drops and evenly over a circular area of 25 to 40 feet diameter. It works more satisfactorily with a very low pressure of water than any sprinkler we know of.

Price, Nozzles only (see illustration A.)
%-in. thread, each 45c; doz. \$5.00; ½-in.
thread, 50c each, \$5.50 doz.; ¾-in. thread,
each 55c; doz. \$6.00. With stand (B),
Price, \$1.90. Transportation paid. Half Circle Sprinkler





Simplest lawn sprinkler made -no revolving parts to wear and get out of order or leak.

of polished brass. Price, 80c. Transportation paid.

"C. B. G."

Sprinkler

A heavy sheet brass sprinkler of the popular fountain spray type with perforations arranged to cover a complete half circle. A sprinkler of this type is very desirable for watering flower beds, also for sprinkling lawns along the sidewalk, as it will not throw water on the walk. Price, 75c. Transportation

paid.



#### The "C. B. G." Sprinkler

One of the most popular low-cost sprinklers made. Very practical and satisfying in operation, delivering the water in a very fine spray. It is only 4 in. in diameter and 1½ in. high and can be drawn about the lawn without shutting off the

water.
Price, 50c each. Transportation paid.



The Henderson "Allover" Sprinkler

#### Double Rotary Next Best to Rain

The latest model Double Rotary Sprinkler embodies improvements which make it, more than ever, the ideal sprinkler whether for lawns, gardens, golf courses, ball parks, nurseries, orchards or public parks.

It is constructed of

the best materials, ma-chined for long wear; wheel of cast aluminum will not rust. The steel and bronze gears run in a bath of oil. The nozzle is adjustable for fine or coarse spray, and permits covering small or large area without re-ducing volume. Skid base permits moving while in operation. Cannot tip over on any pressure. All wearing parts enclosed. Very successful for overheadsystems; covers diameter of fifteen to eighty feet, according to pressure. Price, \$12.50. Trans-

portation paid.



Double Rotary The enclosed gears run in oil

#### Dayton "A" Rotary and Oscillating

The Dayton "A" may readily be termed the all purpose Sprinkler, as it can be set to spray a complete circle or a half circle. The nozzle can be fixed for any kind of a stream either fine, medium or coarse. is a particularly valuable feature, especially on a newly seeded Lawn or Putting Green where a coarse spray would be opt to wash out the seed. It can also be adjusted to a 3 foot or 40 foot radius.

Price, \$9.00. Transportation paid.



Dayton "A" Sprinkler

#### Dayton-"C"

The sprinkler arm can be adjusted in a half a minute to produce a light or heavy spray. It can also be made to cover a circle from 5 to 50 feet in diameter with an even distribution of water from the center to the periphery. The babit non-leak-able bearing allows the sprinkler to run perfectly on low water pressure. It is made from non-corroding metal.

Price, \$2.50. Transportation

paid.



Rainbow Sprinkler



Dayton "C" Sprinkler

#### Rainbow

This is the most practical sprinkler for use in rural com-munities where gravity or other low water pressures are likely to be encountered.

The revolving arm of the Rainbow Sprinkler is finely balanced.
Depending on the pressure, it will
water thoroughly a circle from
30 to 60 feet in diameter.
Price, \$1.75. Transportation

paid.

SPECIAL NOTICE .- We prepay transportation charges on Rubber Hose by parcel post, express, or freight at our option within the first and second zones (150 miles of New York City). Purchasers beyond these zones pay transportation.

HENDERSONS

REST

PARA

Florists' and Gardeners'

Hose Sprinkler A wide face brass nozzle.
Price, for 4-in. hose, 3-in. face, 75c; 4-in. face, \$1.00. Transportation paid.

Cooper Brass Hose Mender

Made of brass tubing; scarcely decreases flow of water.

Price, for hose with %-in. or %-in. bore, 10c each; \$1.00 per doz.; 1-in. bore, 12c each; \$1.25 per doz. Transportation paid.

Ball and Socket Hose Holder

A practical hose holder. It may be stuck anywhere and nozzle pointed in any direction. Price, \$1.25. Transportation paid.

Florists' Hose

Sprinkler

Cooper Hose Mender

#### Henderson's "Best Para" Rubber Hose

This is the highest grade of garden hose, being made en-tirely from New Para Rub-ber and will outlast cheap hose three times over. We guarantee it to stand a 300-lb. water pressure, and it will be as resilient in three or four years' time as when new, while cheap hose of that age will be hard and rotten.

Every length of Henderson
"Best Para" Hose is fitted with the new water-tight couplings, without extra charge. (See illustration.) Hose

Prices 34-in. bore Para. per 25-feet length, \$4.50; per 50-feet length, \$8.50. See notice above.

#### Standard Quality Rubber Hose

This is a grade that is often sold as the "best." It is a good hose and will stand 150-lb. pressure. Each length is fitted with the regular couplings without extra charge. ¾-in. Standard, per 25-ft. length, \$3.75; per 50-ft. length, \$6.50. See notice above.

#### Heavy Duty Golf Hose

The construction is the same as that found in the best automobile The construction is the same as that found in the best automobile cord tires. Three layers of finely braided heavy cords thoroughly impregnated with rubber, and surrounded with a thick, tough, abrasive resisting outside cover of rubber. It is guaranteed to withstand a test pressure of 800 lbs., and it will not kink, thus insuring long life. ¾-in. Standard.

Price, 50-feet lengths, with couplings, \$10.00 each. See notice above.

#### Spray Pump Discharge Hose

Cut any length, 10 feet up to 50 feet,  $\frac{1}{2}$ -in. bore, 12c per foot (coupling extra, 30c set);  $\frac{3}{8}$ -in. red tubing, 15c per foot, cut any length, 10 to 50 feet; couplings extra, 30c per set. See notice above.

#### Automatic Nozzle

For sprinkling Lawns, Shrubbery, Flower Beds and for Washing Automobiles, etc. Shut off and 3 inch face nozzle. Screws on to any Standard 34-inch Garden Hose coupling

coupling.
Price \$2.00. Transportation paid,



Graduating Spray Nozzle

Will throw a coarse or fine spray or a solid stream.
Price, ¾-in., 40c; 1-in., 85c.
Transportation paid.



Graduating Spray Nozzle

#### Champion Nozzle

Gives a full discharge of water, either spray or straight stream, without back pressure on the hose. Spray is formed by turning collar Made for ¾-in. hose.
Price, 40c. Transportation paid.



Champion Nozzle

#### Rubber Hose Washers

For 3/4-in. standard size hose; also r 1-in. hose. for 10c per doz. Transportation paid.

# "Hole-Proof Hose-Hanger"

Insures the hose against holes, cracks and checks, and doubles its life and usefulness. Compact and convenient. Carries 100-ft. hose.

Price, \$1.00. Transportation paid.

#### "Siamese" Lawn Sprinkler Attachment

By using these, several sprinklers can be used at one time. A %-in. hose and 30 to 40-lb. pressure will operate 2 sprinklers. Price for %-in. hose, 65c; for 1-in. hose, \$1.00. Transportation paid.
Cap, to enclose over outlet, 20c each. Transportation paid.

#### Bull Dog Hose Clamp

The best device for attaching hose couplings. Hose clamps for ½-in. hose, 40c doz.; ¾-in. hose, 50c doz.; 1-in. hose, 75c doz. Transportation paid.

#### Noscrew Hose Clamp

Set contains brass pipe and two clamps. Price, 25c; doz. sets, \$2.75. Transportation

#### Hydrant Swivel

Turns in any position; prevents hose from kinking. For 3/4-in. hose, 90c each. Transportation paid.

#### Lightning Hose Coupler

Instantly attached or disconnected; no twisting of hose; no bruising fingers; watertight. (State if vanted to replace old couplings or to be attached to them.)

Price, per set, 2 pieces, 34-in., 75c; \$8.25 per doz. Transportation paid.

#### Gibbs Hose Mender

Simply cut the hose apart where a leak occurs, insert the tube and hammer down the occurs, insert the tube and hammer down the steel fingers.

Price, 34-in., 10c each; \$1.00 per doz.; 1-in., 20c each; \$2.00 per doz. Transportation paid.

#### Hose Reducer

For connecting hose of 1-in. bore with 34-in. Price, 40c. Transportation paid.

#### Fan Shower Sprinkler

Throws a wide, fan-shaped, gentle shower. Valuable for hotbeds, greenhouses and gardens. Width, 4¾ inches.
Price, 55c. Transportation paid.

#### Jiffy Standard Hose Coupling

It recouples hose quickly, easily and permanently. The operation is surprisingly simple. With the wrench illustrated the Jiffy Coupling is screwed into the hose and firmly embedded in the rubber lining. It will not pull out or

lining. It will not pull out or blow out with any pressure. The Jiffy Couplings make ideal hose menders. Wherever ideal hose menders. Wherever a break occurs the hose can be cut, the couplings attached in a jiffy and all short lengths can be coupled together. The couplings are made of heavy wrought brass and consequently last a lifetime. Price, per set as shown in illustration, including wrench.

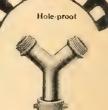
\$1.30

\$1.30 Price, couplings, per set. 

### Gem Nozzle Holder

The hose is held firmly and can be adjusted to any eleva-

Price, 25c. Transportation paid.



Siamese Attachment



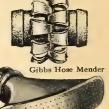
Noscrew Hose Clamp



Hydrant Swivel



Lightning Hose Coupler



Fan Shower Sprinkler



Upper view—Inserting the Couplings.
Lower—The Jiffy Coupling Set and Wrench

Socket Hose

Gem

Holder

Below-Nozzle Holder

# The Popular "Planet Jr." Garden Implements

No.16 "Planet, Jr." Single Wheel Hoe

"Planet Jr." Wheel Hoe and Cultivator

Their Attachments and Uses
The Cultivator Teeth, used
for deep or shallow cultivation.
The Flat Hoes, for surface hoeing.
The Small Plows (supplied with
the Double Wheel Hoes) are for hilling up,

The Landside Plow (supplied with the Single Hoes) is used for plowing, furrowing,

covering, etc.

The Rakes are for stirring the sur-

The Leaf Lifters with No. 16 turn

aside the foliage.

The Single Wheel Hoes are rather lighter than the double and while the wheel can be set on the side of the frame, enabling both sides of one row to be hoed at one time, yet they are best adapted for working between two rows of

No. 119 "Planet Jr." Garden Plow

Has a high wheel for easy running. The equipment is so complete that it will meet all ordinary garden needs.

Price, \$4.25. Purchaser pays transportation.

Fire-Fly Garden Plow

Will throw a furrow 4 to 6 inches wide and 1 to 3 inches deep. Price, \$4.00. Purchaser pays transportation.



#### "Planet Jr." Hand Power Seeders

Can be regulated to sow seeds in continuous drills thick or thin, shallow or deep, or a regular distance 4, 6, 8, 12 or 24 inches apart. They open the furrow, drop the seed, cover and roll it and mark the next row.

Prices, "Planet, Jr." Hill and Drill Seeders No. 5 Hill and Drill Seeder. A special large size for market gardeners and farmers, sugar beet		Capacity	Price
No. 3 Hill and Drill Seeder. The popular size	16½ in.	5 qts.	\$18.75
for market gardeners and large private and hotel gardens.  No. 4 Hill and Drill Seeder. This favorite size.	15 ''	3 "	16.50
for family gardens and small market gardens.  No. 4 Combined Seeder, with a Single Wheel	11 ''	2 1/2 **	13.50
No. 25 Combined Seeder, with a Double Wheel Hoe-Outfit. The seeder removes for	11 ''	2 ½ ''	16.75
hoeing, etc.	11 ''	2 1/2 **	21.00
Purchaser pays transportation.			

"Planet Jr." Star Pulverizer, Leveler & Weeder It has revolving star shaped discs ideal for pulverizing the surface. Price, \$2.85. Purchaser pays transportation.

The "Planet Jr." Catalogue more fully describing and illustrating full line of implements. Mailed to applicants free of charge

### The "Henderson" Hand Garden Plow

It is equipped with a plow, suitable for opening and covering equipped with a plow, suitable for opening and covering rows, hilling celery, potatoes, etc., and for plowing under the accumulations in a poultry yard it is very useful. The scuffle hoe cuts off weeds below the surface and loosens the surface of the soil; it is also fine for cleaning walks; the seed furrow opening tooth is also very useful for its purpose.

Price, complete, \$4.75. Purchaser pays transportation.

sad (cc "Henderson's" Wide Wheel Wheelbarrow

The tire being 5 inches wide does not cut or deface the turf.

Body—26 in. long, 19 in. wide in front, 22 in. wide in back.

Sideboards—26 in. long, 12 in. high.

Handles—58 in. long by 2 x 1½. Weight, 60 lbs.

Steel Wheel—5-inch tire, 20 in. diameter.

Price, \$10.00. Purchaser pays transportation.

The "Henderson" Wheelbarrow

Same construction as Henderson's Wide Wheel Wheelbarrow, with Steel Wheel, 2-in. tire. Fully warranted to stand rough usage and garden use. Does not sink into soft ground. Weight 55 lbs. Body 26 in. long, 19 in. wide in front, 22 in. wide in back. Sideboards 26 in. long, 12 in. high. Price, \$9.00. Purchaser pays transportation.

The Regulation Wheelbarrow

A superior barrow, hand-somely painted and striped; iron leg braces, bolted, not screwed on run under the legs, forming a shoe to slide on avoiding racking the barrow; iron bands shrunk on hubs. Purchaser pays transportation.



Wide Wheel

Wheelbarrow

Size	Length Box	Width Wheel End	Handle	Box Depth			Price
2 Boy's 4 Medium 5 Large	26 1/2 in.	18 ½ in.	23 in.	12 in.	20 in.	1 1/4 in. 1 1/2 in. 1 1/2 in.	6.50

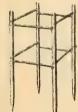
#### Handie Baro

An all iron wheelbarrow. An all iron wheelbarrow. Weighs 30 lbs., complete. Will carry 500 lbs. Shipped in carton form. Iron work painted black. Handles are maple, painted red, and varnished. Wheel, 14-in. diameter, 1½-in. tire. Steel hub with self-lubricating bearings. Channel steel legs, riveted cross braces. Overall dimensions: Width, 22 ins.; length, 50 ins.; height, 24 ins. Price, \$5.50. Purchaser pays transportation. portation.



The Handie Baro Set Up - Packed

#### Wooden Tomato and Plant Support



The supports are made from hard wood, are 36 inches high and 16 inches

They are so constructed that they may be put together or tak-en apart quickly and easily

Therefore they may be stored away when not

Price, 35c each. Packed weight 6 lbs. \$3.85 per doz. Packed weight of doz., crate 100 lbs. Purchaser pays transportation.

#### Henderson's Extension Tomato Support

Made of a very heavy No. 8 gauge Made of a very neavy No. 8 gauge galvanized wire. The two circles are supported by three legs. The bottom circle is stationary while the top one may be raised or lowered as desired.

Suitable for tomatoes, peonies and other h e a v y plants.

Lasts in-

Dimensions
Total height, 36 ins.; top circle, 13½ ins.; bottom circle, 14 ins.
Price, 35c each; \$4.00 per doz.
Transportation paid 1st and 2nd zones (150 miles of New York City).

#### Platform Cart

Used for handling dairy milk cans, barrels of feed and water, ensilage, fodder, feed, and for general carrying purposes. Will carry 800 lbs. Platform, 28 x 32 ins.; 36-in. wheels. Weight, 95 lbs. Price, \$14.00. Purchaser pays

transportation.

#### The Adaptable Plant Suppor

A heavy wire hoop is skillfully attached to the stout square stakes

so that it may be raised or lowered
in the spaced notches
as desired. The stakes
are four feet high,
made from durable
wood and are painted green.
The hoops are made

The hoops are made from heavy iron wire, are coated with a rust resisting paint, and can be hooked together.

Price \$2.25 doz.
Packed weight 16 lbs.
Extra Hoops for Stakes \$1.25 doz. Extra stakes only \$1.25 doz.
Purchaser pays trans-Purchaser pays transportation.

#### Extension Plant Support

For carnations and milar plants. The similar plants. The upper ring may be moved up or down as the size of the plants require. They are require. They are made of steel wire, well galvanized to prevent rusting, and are used by the leading growers.

Height, 24 ins.; diameter, 7 ins. Packed weight, doz., 5 lbs.

Transportation paid 1st and 2nd zones (150 Miles New York City).





Purchaser pays transportation charges on Implements, except where noted. When packed weight is given, they may be forwarded by parcel post. Include postage according to zone rates on page 152.

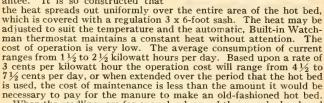
### Henderson's Electrically Heated Hot Bed

The age-old custom of making a hot bed with stable manure and depending upon the uncertain heat producing ele-

ment of fermentation, with its accompanying messiness and its all-prevailing odor, is now supplanted

with a modern scientific electrical, sanitary plant nursery. Hereto-fore the hot bed was always hidden in an unseen corner of the garden because of its unattractiveness. Henderson's Electrically Heated Henderson's Electrically Heated Hot Bed is not only efficient but also attractive. It is neatly built, painted with aluminum, and can be placed near the house, as there is no need to hide it.

The electrical heating unit is manufactured by Westinghouse and carries the Westinghouse guarantee. It is so constructed that



When the seedlings are far enough advanced they can be hardened by turning off the current, when it becomes a cold frame. Complete

directions included.

Price, complete, \$32.50. Electric unit only, \$9.95. Purchaser pay transportation.

#### Henderson's Hot Bed and Cold Frames

Made of best cypress lumber, planed and painted. The ber, planed and painted, corners join by bolting on angle irons. 8 inches deep in front, 16 inches deep at back. We ship them "knocked down, but they are quickly and easily put together.



Frames are furnished with or without our Extra Fine Glazed Sash. Prices. Cost of crating sash extra. \$1.50 per crate from two up to four sash. Purchaser pays transportation.

AA	frame	with	1	extra	fine	3 ax 6	ft.	glazed	sash,	\$12.80;	without	sash,	\$7.20
A	44 .	4.4	2	6.6	6.4	4.6	6.6	44	4.6	20.40;	. 44	4.4	9.20
В	4.6	6.6	3	**	44	4.1	4.6	4.6	66	27.60;	- 66	4.5	10.80
C	4.6			6.6					44	35.20;	**	66	12.80
D	64	44	5	6.6	4.4	41	6.6	**	14	43.20;	44	44	15.20



#### Half-length Hot Bed and Cold Frames

(36 inches wide) Made of the same lumber,

etc., and painted just the same as the full sized frames described above, excepting that they are 12 inches above ground at the back which gives the same pitch to 3 x 3-foot sash as a 16-inch back does to full 6-foot length sash. Our frames are all shipped "knocked down," but they are quickly and easily put together by anyone.

Half-length Frames are offered with or without half-length Glazed Sash described in next column. Purchaser pays transportation. Cost of crating sash extra. \$1.00 per crate from two up to four sash. Half-length Frame with 1 3 x 3 ft. glazed sash \$ 9.00 without sash \$ 7.25 7.25 7.25 8.25

### Germanco Hotkaps

A wax paper plant protector, scienrifically made to serve as an individual greenhouse to protect young plants from frost and hasten development. Home Package 100 Kaps including

Garden Setter with Tamper \$2.40 Trial Package 250 Kaps including Garden Setter with Tamper \$3.70 1000 Hotkaps....

Steel Setter and Tamper. \$ 2.35 Above, transportation paid to 1st and 2nd zones, 150 miles from New York City. Larger quantities, prices on



#### Sash for Hot Beds and Cold Frames

Extra Fine Without Glass-Not Painted

Made of selected Red Gulf Cypress, free from knots and sap.

They have finished edges and an iron crossbar in the center.

Size, 3 feet wide by 6 feet long, 1% inches thick, and will require 3 rows of 10 x 12 glass. They are unpainted except the joints, which are white leaded before being put together.

Price, \$2.75 each; \$30.00 per doz.

One box of glass, double thick, will glaze three 3 x 6 sash; cost of glass per box of 60 panes \$5.00. Purchaser pays transportation.

Extra Fine With Glass, Puttied and Painted

With two coats of white paint. \$5.60 each; \$61.50 per doz.
Packed and crated \$1.50 extra per crate—from one to four to a crate. Purchaser pays transportation.

Regulation Without Glass-Not Painted

These sash are of Gulf Cypress, free from knots and sap. Size, 3 feet wide by 6 feet long and 1 % inches thick. They are unpainted, well made and will take 5 rows of 6 x 8 glass.

Price, \$2.25 each; \$24.75 per doz. Purchaser pays transportation.
One box of glass, single thickness, will glaze three 3 x 6 sash.
Cost \$4.00 per box of 150 panes. Purchaser pays transportation.

#### Half Length Sash

Without Glass-Not Painted

These are made in the best manner of Red Gulf Cypress, 1% inches thick, 3 x 3 feet square, and will take three rows of 10 x 12 double thick glass. Price, \$2.25 each; \$24.75 per doz.

One box of glass 10 x 12 will glaze 6 half sash.

Price, \$5.00 per box. Purchaser pays transportation.

With Glass, Puttied and Painted, Ready to Use
With two coats of paint. Price, \$3.60 each; \$39.60 per doz.
Packed and crated \$1.00 per crate extra; from one to four sash per crate. Purchaser pays transportation.

#### Mats for Hot Beds and Cold Frames

These are made of strong burlap bagging, warmly lined with waste wool and cotton which is quilted in to hold position.

Price, 40 x 76 ins., \$1.50 each; \$16.50 per doz.; 76 x 76 ins., \$2.50 each; \$27.50 per doz. Purchaser pays transportation.

Twemlow's Old English Glazing Putty. For bedding glass in, for filling cracks or seams in roof joints and frames. One gallon glazes about 300 lineal feet.

Price, 1 qt. 90c; gallon \$3.50. Purchaser pays transportation.

Mastica. For glazing greenhouses, sash, etc. Qt. 75c; gal. \$2.50 Machine for applying Mastica \$3.00. Purchaser pays transportation-

Diamond Glass Cutter. Price, \$5.00; transportation paid.

Red Devil Glass Cutter. Price 25c each; \$2.75 per doz; transportation paid.

Rubber Putty Bulb. Price, \$1.60; transportation paid.

Perfection Glazing Points. The points, being beveled on top, will hug close to glass when driven.

Price, box of 1,000 75c. Pincers used for glazing, price per pair

70c. Transportation paid.

#### Wooden Plant Stakes

	Round G apering	reen -		Green		Dahlia F White T	
Length	Doz.	100	Doz.	100	Length	Doz.	100
2 feet 3 '' 4 '' 5 ''	\$ .50 .90 1.10 1.60 2.00	\$3.75 6.50 8.00 12.00 15.00	\$0.50 .90 1.10 1.75 2.00	\$3.75 6.50 8.00 12.00 15.50	2 feet 3 " 4 " 5 " 6 "	\$0.50 1.50 2.00 2.50 2.75	\$4.00 10.00 15.00 18.00 20.00

Purchaser pays transporation.

Hardwood Stakes. Eight feet long; suitable for growing pole beans.

Price, \$2.50 per doz.; \$18.00 per 100. Purchaser pays transportation.

#### Imported Heavy Bamboo Stakes

These stakes are very strong and durable 20-foot sweeps, 35c each, \$3.85 doz.; \$30.00, 100. Purchaser pays trans-

#### Light Japanese Cane Stakes, Dyed Green

For Delphinium, Gladiolus, etc. These stakes are thin, but very strong. Lots of 100 are delivered transportation paid within 150 miles of New 2 ft. \$0.75 at \$5.50 York City. Beyond this zone pur-3 ft. 1.20 1000 7.00 chaser pays transportation. On lots of 500 4 ft. 1.40 rate 9.00 or more purchaser pays transportation.



Galvanized Wire Arch

Asparagus Buncher

#### Arches Galvanized Wire

Heavy frames extend into the ground for stability. Made in halves. Made in two sizes; 18 inch, \$14.00 each; 30 inch, \$18.00. Both sizes are made to span a 4 foot walk. Purchaser pays transportation.

#### Aprons for Gardeners

Fine Khaki Cloth, 41 inches long, with bib and pockets.

Price, \$2.00. Transportation paid. Rubber, 45 inches long, with bib and reinforced edges with brass eyelets.
Price, \$2,25. Transportation paid.

#### Asparagus Buncher American No. 4

The asparagus stalks are laid in with the Buncher open. When closed, the Automatic Clamp Catch holds the asparagus firmly until tied and cut. The back can be adjusted in or out for any length desired. The Buncher is made of Japanned Iron, the Inner Spring Bands and Catch are made of Brass, Mounted on a Wooden Base. Price, \$5.00. Packed weight, 8 lbs. Purchaser pays transportation.



Hanging

Brush Axe

This is an excellent tool for trimming out underbrush, cutting down old hedges, etc. Price, handled, \$2.25. Transportation paid.

#### Glassine Grape Bags

To enclose growing bunches of grapes as a preventive of mildew and black rot, as well as attacks of bees, wasps and other insects.

Price, 100, \$2.00; 1,000, \$18.00.

Transportation paid.

Wire Hanging Baskets Green finish, strong and well-made just the thing for decorating piazzas

of noters and summer residences.								
Size	Each	Dozen						
8 in		\$2.75 3.30 3.85 5.50						

Transportation Paid.



Flower Picking Basket



Vegetable and Berry Baskets



Beetle Trap

#### Flower Picking Basket

Made in natural willow, 17 inches long, 1 inches wide, 3 ½ inches deep in center. Price, \$3.75. Transportation paid.

#### Farmers' Baskets Round Splint

Bushel.....\$1.50 2 bushels.... 2.75 1 ½ bushels...\$2.25 3 bushels.... 3.50 Purchaser pays transportation.

#### Round Picking Basket

Best oak splint, stiff bail, flat rim, strapped. ½ bushel, \$1.25 Purchaser pays transportation.

#### Vegetable and Berry Baskets

Made light for gathering fruits, vegetables and flowers. Made to hold Standard quart berry boxes.

Price, 16x12x3 ½ deep, 90c each; 18x12x3½ deep, \$1.00 each; 22x12x3½ deep, \$1.10 each.

Transportation Paid.

#### Beetle Traps

TYPE A—Small container with a standard thread on bottom will fit any Mason jar. No jar furnished. The base is painted green to harmonize with the surroundings, and the top and inside painted white, as the brighter hue helps to attract the beetles; the three fins or wings are so placed as to more evenly diffuse the bait aroma. Price with bait 75c. Transportation paid.

TYPE B—Large Container, same style as Type A, no jar furnished. Price, \$1.25 with Bait. Transportation paid. Extra Bait for TYPE B, 40c. Transportation paid.

#### Bird Houses

A. Blue Bird House. Price

\$1.75. B. Interchangeable House. Arranged so that it may be changed to accommodate either a Wren or Bluebird family.
Price, \$2.00.
C. Flicker House. Price
\$1.75.
D. Wren House. Price, \$1.75.

Transportation paid.

Henderson's Wild Bird Feeding House

An artistic, practical and inviting diner for wild birds. It can be fixed to a pole, or suspended with a rope and pully from a tree.

The gravity feed hopper will hold about 5 pounds of seed which falls into a narrow sanitary feeding trough as it is consumed by the birds. The feeding trough cannot become foul and the cod will see become foul and the seed will re-main clean and dry in the hopper.

It is strongly built and will with-stand the weather for many years. Price, \$3.00. Transportation paid. See Page 66 for Henderson's Wild Bird Seed Mixture.

#### Suet Feeding Rack Made of Galvanized Metal

Suet is the most tempting morsel for coaxing the Birds to loiter during the severe days of Jack Frost. It contains the heat producing qualities that Birds require. The rack can be hung on a nail.

Price, 50c. Transportation naid

Bird Netting

To Protect Fruits, Etc.
This is good quality cotton netting of 1-inch mesh and comes in 20- and 30-foot width only and of reasonable length.
Price, \$1.75 per 100 square feet. Transportation paid.

Japanese Lawn Broom

Suitable for sweeping putting greens, lawns and paths of cut grass, and leaves.

Price, \$1.25. Not mailable.

Purchaser pays transportation. Not mailable.

#### Birch Brooms

These are of very superior man-ufacture, strong and lasting. Price, 75c each; \$8.25 per doz. Not mailable. Purchaser pays transportation.

**Burlap Bagging** 

Gardener's Kneeling Pad

A pad 9 inches wide by 15 inches long made of soft rubber that eliminates the discomforture of weeding and other garden operation. It guards against penetrating moisture. Price, 50c. Transportation paid.

Copper Burning Brands

Made to order, with any name or initials for marking tools and implements. 44, % and 1/2 inch letters.

Price, with 5 letters or less, \$4.00. Additional letters, each 75c. Transportation paid.

Made of heavy waterproofed paper riveted together. With these Bleachers, no banking of soil or putting up boards

Transportation paid.



A. Blue Bird

B. Interchangeable





Feeding House

Suet Rack



A Strawberry Bed enclosed with Bird Netting

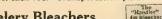


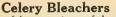
Japanese











no banking or soil or putting up boards is necessary.
Size 7 x 14 inches, per doz.; 60c.; per 100, \$4.50; per 1,000, \$40.00.
Transportation paid.
Celery Handlers for putting on the paper celery bleachers. Tin, \$1.25.



Celery Bleachers



Aluminum Dibber

Transplanting Fork

Digging Fork

Potato Digging Fork

Eezywear Gloves

Gardener's Gloves

Manure Fork

Reel

Grafting

THE NEW WAY

Mehler's

Cultivator

Norcross

Hand Cultivator

#### Henderson's Hand Cultivator

Ideal for stirring-cultivating and breaking up the soil.

Price, \$1.25. Transportation paid.

#### Mehler's Cultivator

The special arrangement of the 5 teeth, lows cultivation closer to the plant than y other device. Price, \$1.60. Transportation paid.

#### Norcross Cultivator

It will pull out weeds, pulverize the ground thoroughly, leaving it level.

It is adjustable in width by sliding the

top plate.
Price, including long handle, 3-prong, \$1.00; 5-prong, \$1.25. Transportation paid.

#### Dibber or Dibble

Aluminum. Solid aluminum, 9 ins. over all, full polished. The handle is green enamel. Price, 75c; \$8.25 per doz. Transportation

Brass, the best kind; being brass, it scours bright, works easy and will not rust. \$1.00 each; \$11.00 per doz. Transportation paid.

Iron, polished blade, japanned handle; ngth, 93/4 ins. 70c each; \$7.70 per doz. Transportation paid.

Wood Handle Dibbers. 8½ ins. 80c each; \$8.80 per doz. Transportation paid.

Gem Transplanting Fork

A very convenient tool for transplant-ing plants, strawberries, etc. Price, 50c. Transportation paid.

#### Digging Fork

Extra quality, spear-points; tines with diamond-shaped backs; handle strapped. "D" handle.
4 tine... \$2.00 Long handle.. \$1.75
5 ... 2.25 ... 2.00
Purchaser pays transportation.

#### Potato Digging Fork

It has 6 round heavy tines, 10 inches long, with points not too sharp. Made with extra long "D" handles, strongly strapped. Price, \$2.00. Purchaser pays transportation.

#### Manure Fork

	Best	qua	ality,	strappe	1 ''D''	handle
4				Long	handle	. \$1.50
5			2.00			1.75
6	6.6		2.00		6.4	. 2.00
	Purc	hase	er na	vs trai	asporta	tion.

#### Garden Gloves, Eezywear

All-Leather-Soft as Kid Made from select imported leather processed to render it extra soft and pliable as well as durable. Give complete protection from dirt, bruises, scratches and stains. Useful the year round for garden, housework, painting, yard, furnace, garage, etc.

WASHABLE Sizes for women: small, medium and large, or men: medium and large.
Price, 75c a pair (2 pairs, \$1.40), postpaid.

#### Gardener's Gloves, Heavy

Men's size, medium and large. Price, per pair, \$1.25. Heavy, with gaunt-lets, \$1.75.

Ladies' gardening gauntlet glove. Made of cream color, soft, pliable genuine horsehide.

Ladies' extra fine gardening glove, made of soft, pliable leather, finished with a Spanish gauntlet, \$1.50. Transportation paid.

# Garden lines

Coated cotton, per 100 ft. \$1.00. Best braided linen, per 100 ft. \$1.50. Transportation paid.

#### Garden Line Reels Iron, \$1.00. Transportation paid.

Grafting Tape Johnson's Industrial Tape of a thousand uses
Takes the place of wax and string for budding, grafting, repairing broken branches, pro-

- 1	tecting	bruises	and	many	nousenoid	uses.
	_				Postpaid	F.O.B.N.
					Each	Dozen
	⅓ in. x	36 yds			.\$0.40	\$4.32
		36 yds				6.00
		36 yds.				9.12

#### Grafting Wax

The best grade on the market. ¼-lb. pkg. 20c; ½-lb. pkg. 30c; 1-lb. pkg. 50c. Transportation paid.

#### Grafting Mallet

\$1.00. Transportation paid.

Grafting Knife and Chisel

Price, \$3.00. Transportation paid.

#### Acme Weeding Hoes

Very popular hoes with florists and gardeners; for drilling, cultivating and

gardeners; 10. weeding.
Acme Double Prong, 4½-in. blade ..\$1.25
Acme Single Prong, 6-in. blade ... 1.15
Transportation paid.

#### Henderson's Superior Draw Hoes

Extra quality cast steel oil-tempered, thin, elastic polished blade; Swan's neck, socket shank, 5-inch, Ladies, 90c; and the following sizes: 6, 7, 7½ and 8-inch blades, \$1.20. Purchaser pays transportation.

#### Imported English Scuffle Hoes

English. 5-inch, 90c; 6-inch, \$1.15; 7-inch, \$1.25; 8-inch, \$1.50; 9-inch, \$1.60; 10-inch, \$1.75. Handles extra, 60c each. Transportation paid.
Lightning Scuffle Hoe. The Vishaped blade pushes through the soil easily, and cuts front and back; the sides turn up to prevent cutting off plants, 8-inch cut, handled, not mailable, \$1.75. Purchaser pays transportation. able, \$1.

#### Kalamazoo Celery Hoe

An ideal hoe for hilling celery also for cleaning ditches and as a stable hoe; slightly concave blade, 14½ inches wide, \$2.25. Purchaser pays transportation.

#### Warren, or Heart Shaped Hoe

The Warren Hoes are unequaled for hoeing, weeding, cultivating, making drills, covering seed, etc. Scour sharp, right hand, light to handle.

Price, small, \$1.30, large, \$1.50. Transcottsting poid.

portation paid.

#### Italian Grub Hoe

Just the thing for bog work, drains and innumerable purposes on a farm. Polished hot. Forged blades riveted on. Heavy malleable iron blade, 7x9 in., 3½ ft. handle. Price, \$2.00. Transportation paid.

### Regulation Grub Hoe

Strong for grubbing out roots, clay, ditches, etc., about 4 lbs., \$2.00. Transportation paid.

#### Asparagus Knives

American straight edge, each, 40c; American V-shaped knife, small, each, 40c; large, 60c Transportation paid.

#### Knives for Budding and Pruning

K-778B-Grafting 1 blade. Black rubber handle. Brass lining, 4 in. when closed. Price, \$1.75.

K-916—Sheep's foot blade, brass lined, nickel silver bolster, ivory handle. Price, \$4.00.

K-919—Round and budding spaying blade. Same as K916. Price, \$4.00. K-6889 Combined budding and prun-

ing, stag handle, steel lined and steel bolster. Price, \$1.65.

K-6109—Large hook, single blade prun-ing, steel lined, steel bolster, stag handle. Price, \$2.50.

K-6110—Medium sized point, single bladed pruning, stag handle, steel lined, steel bolster. Price, \$2.50.

K-900—Pruning blade with 2 ½ in. cut-ting edge, English crucible steel, steel lining, steel bolster. Coca Bola lining, steel bolster. handle. Price, \$1.50. Transportation paid.

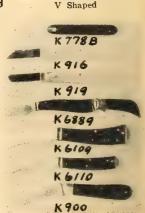


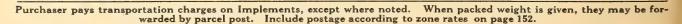






Straight Edge





#### Wooden Labels for Garden, Pots, Trees and Field

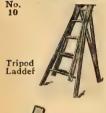
_			ABELS		SIZE	P	OSTPAII	
						100	500	1000
31	2 inch	Plain	Tree, Wired		2 X 1/2	\$ .30	\$ 1.40	\$ 2.50
5	66	3. <b>44</b> \)	Pot	5	x 5/8 x 5/8	\$ .25	1.20 1.35	1.75
6	44	16	Garden	. 6	x 5/8	35	1.50	2.50
8 10	41-	- 44	44	. 8	X 1/8 X 7/8	1.20	4.00 4.75	7.25 8.75
12	.51	.64.	44	12	x 1 1/8	1.40	6,25	11.50
31/	inch		ed Tree Wired	31	2 x ½ x 5/8	.40	1.75	3.00
4	44	44	Pot	4	x 5/8	,30	1.35	2.00
5	. 44	66		5	x 8/8	.35	1.60	2.50
6	44		Garden	-6	X %	.40	1.75	3.00
8	15	**	*******	8	x 7/8 x 7/8	1.00	4.25	7.75
10				. 10		1.25	5.25	9.75
12 .	44	44	*******	112	x 1 1/8	1.50	6.50	12.50

an supply Field Labels  $18 \times 1\frac{8}{4} \times \frac{9}{4} - \$5.00$  per 100, \$22.00 per 500, .00 per 1000. Weight of 1000, 220 lbs. These labels are not painted. \$42,00 per 1000. Weight or to Purchaser pays transportation.









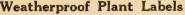








Laying Mulch Paper in the Home Garden



The written name is fully protected by a transparent celluloid case in which the heavy celluloid label itself is inserted. Furnished with copper wires for attaching. Transportation paid.

No.	Size	Price per	
No. 1	3 x 1/4	doz. \$0.35	100 \$2.50
No. 2 No. 3		.60	4.50 6.00

#### Waterproof Garden Label

The card holder is made of rustproof iron. 24 inches long. Finished in dark green baked enamel. No. 10 card, 2¾ x 1½ ins., each, 25c; \$2.75 doz. Purchaser pays transportation.

#### Carbon Label Pencil

Black lead permanent wood labels. Price 10c each; \$1.00 doz. Transportation paid.

#### Ladder, Tripod Fruit-Picking

Flat steps (except two lower rounds), easy to

stand on, easy to move.

Price, 5-ft. \$3.00; 6-ft. \$3.50; 7-ft. \$3.75; 8-ft. \$4.50; 10-ft. \$6.00. Purchaser pays transportation.

#### Mattock

Axe Mattock, fitted with handle, \$1.50. Purchaser pays transportation.

Pick Mattock, with handle, \$1.50. Purchaser pays transportation.

Garden Mattock, Particularly adapted for working heavy or hard soil; upper blade, 13% in., and lower, 3 inches wide; handle, 5 ft.
Price, \$1.25. Purchaser pays transportation.

#### Vine or Wall Nails, Imported English

For fastening vines to walls, houses, trellis, etc., lead clip pliable. 1½ inch., 50c doz.; \$2.75 per 100; 2 inch, 60c doz.; \$3.25 per 100. 3 inch, 75c doz.; \$4.50 per 100, 50 at hundred rate. Transportation paid.

#### Plant Setter and Bulb Planter

Will be found very efficient for planting all kinds of small plants and bulbs. Price, 50c. Transportation paid.

### Gator Hide Mulch Paper

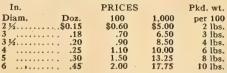
Increases Garden Crop Yields—Eliminates the Work of Weeding
A new but proved method for the growing of garden crops, which eliminates practically all of the labor of weeding and cultivating. It is the acme of simplicity, just unroll the strips of Gator Hide Mulch Paper between the rows and that is all. Besides checking the growth of weeds the paper holds to be a stripped or the moisture and warms the soil, thus stimulating the

crops, causing earlier maturity and increased yields.

67 1/2 sq. ft., 80c post paid.

#### Paper Flower Pots (Neponset)

Light in weight and low in cost, satisfying every demand of the domestic and commercial gardener. Unbreakable, light, economical. They last at least one season and their Cost is trifling; they nest closely. Purchaser pays transportation.







Pruning Equipment

Compound Lever Pruner. Blades forged from high grade crucible steel.

Price, 10-ft. \$5.00; 12-ft. \$5.50; 14-ft. \$6.00; 16-ft.

\$6.50. Express only. Purchaser pays transportation.

Jointed Tree Pruner. In Four Sections, Each Section 4 ft. Long. This tool is the same as the Compound Lever Pruner, with the added advantage

Price, \$8.00. transportation. Purchaser pays

of a jointed pole.

Waters' Tree Pruners. Cuts limbs up to 3/4-in. in diameter. The spring on handle resets the cutting blade. Price, 4-ft. \$1.75; 6-ft. \$2.00; 8-ft. \$2.25; 10-ft. \$2.75. Purchaser pays transportation.

Extra knives, each, 25c. Postpaid.

Telegraph Tree Pruner. No. 1 attaches to pole of any length, operates with a cord; a spring throws knife back in position.

Price (without pole), \$1.75. Transportation and

portation paid.

No. 2. Heavy high quality.

Price (without pole), \$4.50. Transportation paid.

Lopping Shear American. Unsurpassed for cutting underbrush and limbs Price, \$4.00. Transportation paid.

Rhodes Double Cut Brush Pruner. Price, 26-in. \$4.00; 36-in. \$4.25. Transportation paid.

Professional Pruners' Saw. Used by Tree Surgeons. A light-weight, hornless handle, 26-in. blade, with special patent teeth.

Price, \$4.00. Transportation paid.

Lightning Double-Edge Prun-ing Saw. 16-in. \$1.25; 18-in. \$1.50; 20-in. \$1.75. Transportation paid.

Plain Pruning Saw. Narrow, 16-in. \$1.50; 18-in. \$1.75; 20-in. \$2.00. Transportation paid.

Paragon Pruning Saw. The convex edge is for thrust cutting. The concave edge for draw cutting. 16-in. \$2.00; 18-in. \$2.25, 20-in. \$2.50. Transportation paid.

Little Giant Pruner and Saw Combined. The knife operates with a cord spring throws the knife back.

Saws can be removed when desired, attached to pole of any length. Price (without pole), \$3.00. Transportation paid.

Rhodes Pole Pruning Saw.
Adjustable to any angle. Thrust cut on convex edge. Draw cut on concave edge. Pole 10-ft. long. Price, \$3.50. Purchaser pays transportation.



Compound Lever





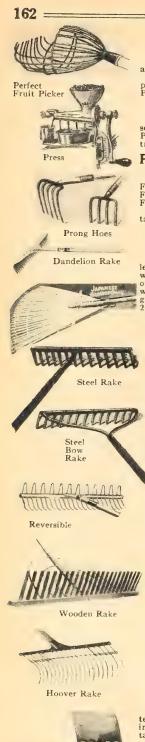






#### Porto Pen-Portable Enclosures





Combined Hoe Rake

Brume-Rake

#### Perfect Fruit Picker

Galvanized steel wire, attaches to pole of

any length.
Price, without pole, 50c; transportation
paid. See page 167 for Bamboo Sectional

#### Press Jelly and Wine

Extracts the juice and ejects the skins and seeds in one operation; capacity 1 qt., \$7.00. Packed weight, 17 lbs. Purchaser pays transportation.

#### Prong Hoes, or Potato and Manure Hooks

Four-round tine			\$1.00
Five-round tine			
Four-broad flat tin			
Not mailable.	Purchaser	pays	transpor-

#### Henderson Dandelion or Worm Cast Rake

When pulled across greens, the stems, leaves and blossoms of the dandelions are wedged between its teeth and easily pulled out. Self cleaning; also valuable for cleaning worm casts and other litter from putting greens and other fine turf playing surfaces. 26 teeth—15 inch.

Price, \$1.25 each. Transportation paid.

# Japanese Bamboo Rake

Made of split bamboo wired head, therefore flexible and light to handle. Suitable for raking long and short cut lawn grasses, works equally as fine on gravel paths. 4-ft. ash handle. Price, 18-in., 60c; \$6.50 per doz.; 28-in., \$1.15; \$12.50 per doz. Transportation paid.

#### Steel Garden Rake

10 teeth, \$1.10; 12 teeth, \$1.20; 14 teeth, \$1.30; 16 teeth, \$1.40; 18 teeth, \$1.50.

Fine Tooth Steel Gravel Rakes. 16 teeth, \$1.35; 18 teeth, \$1.60. Not mailable. Purchaser pays transportation.

#### Steel Bow Rake

The best rake; does not break in middle; 12 teeth, \$1.25; 14 teeth, \$1.35; 16 teeth, \$1.50.

Not mailable. Purchaser pays trans-

#### Reversible Steel Rake

Arched teeth for leaves and litter and the opposite side for fine cut grass. Twenty-four teeth closely set in a 21-in. head. Without handle. Price, \$1.00 each. Handles, 60c.

Transportation paid.

#### Wooden Grass or Hay Rake

Our wooden rakes are of a superior grade; selected wood, 3 bow, aluminum. Wooden lawn, 24 teeth, \$1.25; Wooden Hay, 12 teeth, \$1.25.

Not mailable. Purchaser pays trans-

#### Hoover Lawn Rake

Made from flexible steel spring wire, the teeth of the Hoover Rake will fit into any irregularities on the surface of the ground. taking all leaves with them, 20-in. wide. Price, \$1.15. Transportation paid.

#### Combined Hoe-Rake

A tool for weeding and cultivating; solid steel, 4-tooth, 4 ½-in. blade, \$1.25; 6-tooth, 6 ½-in. blade, \$1.35. Transportation paid.

#### Henderson's Steel Brume-Rake

The flat, spring-steel teeth which are slightly bent at the ends, will remove the smallest leaves and litter

without injuring the sod.

The Brume-Rake weighs less than a kitchen broom yet it is built for hard service

Price, \$1.25 each. Transportation

#### Raphia for Tying Plants

Has great strength and is not affected by outdoor exposure. Also much used for basket-making. Natural

much used for basket-making. Natural color only.

Price (in braided plaits about 2-lb. each), 40c. per lb., 5-lb. lots \$1.75; 10-lb. lots \$3.25. For packed weight add 1 additional pound. Bales of about 225 lbs.

Price on application. Purchaser pays transportation.

transportation

#### Rubbish Burner, Henderson's

Also Valuable for Storage of Apples, Potatoes, Roots, Etc. Manufactured of heavy galvanized wire, strong and durable, welded at all joints.

No. 2. 24-in. high, 18-in. diameter top, 14-½-in. diameter bottom. Price, \$2.00.

No. 3. 28-in. high, 20-in. diameter top, 16-½-in. diameter bottom. Price, \$2.50. Not mailable. Purchaser pays transportation.

Purchaser pays transportation.

#### Perfect Rubbish Burner

It is made of 13% by No

auge steel; the bottom and lid are of No. 12 galvanized wire.
Prices, small size, 15 x 24 in. \$9.00; large size, 20 x 35 in. \$12.00.
Not mailable. Purchaser pays Not mailable. transportation.

#### Scythes

Weed and Bramble Scythe, \$2.25; Bush Scythe, \$2.25. Bramble and Bush Snaths, extra, \$2.00. Pur-chaser pays transportation.

#### Scythe Snaths

Grass Snaths, extra quality patent socket, \$2.25 each. Purchaser pays transportation.

# Old Country Scythes

Forged from bars of special Scythe Forged from bars of special Scythe steel. They are very light and easily handled. The edges are not hard ened like American Scythes, but receive their proper hardness and toughness through the long hammering. To sharpen, hammer on small anvil offered below.

Price, \$2.25. Transportation paid. Anvil and Hammer Set, extra, at \$1.25. Transportation paid. Old Country Snath, \$1.35. Not mailable. Purchaser pays transportation.

portation.

#### Lawn-Scythe English

Light and thin broad blades, strengthened by a riveted back, 32-in., \$2.50; 34-in., \$2.75; 36-in., \$3.00. Purchaser pays transpor-

#### Sickles or Grass Hooks

Imported English, heavy riveted back, thin cutting blade made from the best-grade steel.

No. 1, 80c; No. 2, 90c; No. 3, \$1.00; No. 4, \$1.10. Transportation

paid.

Knuckle Saver. Handle is raised from blade, making it possible to cut close without bruising or skinning knuckles.
Price, 65c. Transportation paid.

Old Country Austrian. Forged and hammered out from solid bars and are very light and thin, giving a good cutting edge. These hooks, being so thin, keep their edge longer than thicker and heavier hooks.

Price, 85c each; \$9.35 per doz. Anvil and Hammer Set, extra at

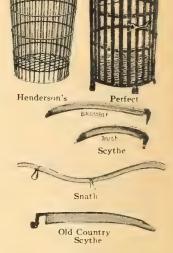
Transportation paid.

#### Sowrite Seed Sower Model A Made of Fiberloid

Ideal for sowing fine seeds, eliminates guesswork, saves time, prevents crowding of seedlings.

Price, 50c each. Transportation





# Stones and Rifles

English





Can be used from an easy standing position. The 12-inch blade is made of best tempered steel; the 42-inch handle polished hard wood. Price, \$1.00. Transportation paid.





Sowrite Seed Sower



Doo-Klip Grass Shears



Trowel Shank Grass Shears

Best English Lawn Shears

#### GRASS SHEARS

The Improved Original Heimerdinger

This improved model has a six-inch cutting edge. The handles fit the hand with a natural grip. A spring tension washer is pro-vided to hold the shear in perma-nent adjustment. Total length 13 inches

Price, \$1.15. Transportation paid.

#### Doo-Klip

Keeps the hand clear off the ground. Operated by an easy up and down movement, allowing the hand and wrist to remain in a natural and comfortable position. Non-rusting.

Price, \$1.25. Transportation paid.

#### "Trowel Shank"

Solid steel of finest quality and tempered; 7-in. blades. The raised trowel-like handles keep the knuckles off the ground and allow smoother cutting, \$1.25. Transportation paid.

Common Grass Shears, 50c. Transportation paid.

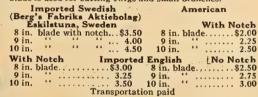
#### Best English Lawn Shears For cutting grass under shrubs, fences,

etc.
Price, two wheels, 9 in. blades, \$6.00
Purchaser pays transportation.

Grass Edging or Border Shears
For trimming the overhanging grass
around the edges of walks, etc.
Price, 9-in. blades, \$4.50, or with wheels,
\$5.00. Purchaser pays transportation.

Best Quality Hedge Shears

We offer an exceptionally fine grade of these important instruments, including the genuine imported Swedish to which we wish to call special attention. These shears can be used both for trimming hedges, and for cutting grass under fences, bushes, etc. The Notch at the heel of the blade is used for cutting twigs and small branches.





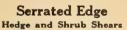
Ladies' Hedge Shears

Trimming Side of Hedge with Little Wonder

Trimming Top

# Ladies' Hedge Shears

Light in weight and designed especially for ladies' use and light work of all kinds. The blades, hollow ground, causing them always to close on the cutting edge, the handles are hardwood. Full polished. Price, \$2.00 Transportation paid.



The blades are tempered cutlery steel, riveted to heavy malleable arms. This is a light, clean-cutting tool and very useful for everything excepting old heavy hedges.

Price, \$2.25 each. Transportation paid.

### Little Wonder Hedge Trimmer

The machine is built along the most practical mechanical lines and of best material obtainable.

Blades are made of high carbon steel tempered tough (not brittle) and hold a sharp edge for a long period.

With reasonable care the machine will last a lifetime. Weight is only 10 lbs. Runs so easily and is so light that a lady can easily operate it. Not built for "Cutting Back" hedges, but to keep the new growth trimmed.

Price, 30-inch Machine (one man) .....\$25.00 40-inch Machine (one man) ..... 27.50

Side cutting carriage, \$4.50. Purchaser pays transportation.

Imperial Electric Hedge Trimmer The Swiftest Operating and Most Practical

During the past years, we have conducted extensive tests with the various improved Electric hedge trimmers on the market which resulted in our unqualified approval of the Imperial. It works on the principle that is universally used for mowing machines and it cuts clean and leaves the hedge smooth and even.

The Imperial will accomplish as much in one hour as would ordinarily require from five to six hours.

The trimmer is 38 inches long, weighs 8½ lbs.; the chrome carbon steel blades are 12 inches wide and the ½ H.P. Motor works on either A.C. or D.C. 110 to 120 volts. It consumes only as much current as a 60 watt lamp. The 100 ft. cord is covered with flexible rubber.

Price, complete, \$45.00. chaser pays transportation.



#### PRUNING SHEARS

#### The Henderson Pruning Shears Durable—Efficient—Nontiring

The Henderson Shears are manufactured from the finest and best tempered steel. The blade is detachable, and the ratchet nut can be adjusted to keep them properly tightened. It is built for hard usage, and will outlast any other shears on the market. 9 in., \$1.50

Transportation paid.
We can supply extra blades for the Henderson Pruning Shears at 35c each. Transportation paid.

#### Swedish Pruning Shears Manufactured at Eskilstuna, Sweden

The choice of the professional gardener. Holds its cutting edge; detachable blade and clock spring—

S-inch.
Price, \$3.00; extra blade \$1.00.
Transportation paid.

#### Swiss Pattern Pruning Shears

Full polished, best quality crucible steel blades, tempered, ground convex; adjusting nut and regulating ratchet; longitudinal double brass spring; removable handle-clip. Each shear individually boxed, with an extra blade, which practically doubles the life of the shear. Price, \$3.00. Transportation paid.

#### Grape Scissors

Finest quality imported. Used for thinning out the grapes in the bunches, allowing the remaining ones to develop, \$1.50. Transpor-

#### . Heavy Tin Enamel Faced Signs

A. No Trespassing. Size 11x6 inches. Price, 25c each.
B. Keep off the Grass. Size 10x6 inches. Price, 25c each.
C. Hunting or Fishing on These Grounds Prohibited Under Penalty of the Law. Size 12x9 inches.
Price, 50c each.
D. \$25.00 Reward for the Arrest and Conviction of any Person Caught Destroying or Defacing This Property. (With space for owner's name.) Size 14x10 inches.
Price, 50c each.
E. "No Parking Here"— 9\%x7.
Price, 25c each.

Price, 25c each. F. "Beware of the Dog"-

F. "Beware of the Dog"10x4½.
Price, 25c each.
G. "Positively No Admitance" - 5½x11 inches.
Price, 25c. Transportation paid Admit-



The Henderson



Swiss Pattern



LADIES' NICKEL-PLATED PRUNING SHEARS, \$1.50. Transportation paid.

#### Flower-Gathering Scissors



Finest quality, imported. Cuts and holds the flowers, \$2.00. Transportation paid.



Grape Scissors

#### American Flower-Gathering Shears



Indispensable for large growers in picking and holding grapes or

Price, \$1.25. Transportation paid.

### KEEP OFF THE GRASS

"Keep off the Grass"

Name plate of iron; enameled blue with white letters; size 20 in. long by 4 in. wide. No Rod.

wide. No Rod.
Will last years.
Price, \$1.85
each; \$20.35 doz.
Transportation
paid.

"No Trespassing" Trespassing"
Iron enameled
blue, white letters, Sign 20x4
in., four screw
holes for attaching to fences,
trees, etc., norod.
Price, \$1.85
each; \$20.35 doz.
Transportation
paid.





La Motte-Morgan Soil Testing Set

Mower Sharpener

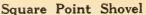






Strainer for Jellies





Strapped smooth back. No. 2, D handle, \$1.75; long handle, \$1.75; Boys' shovels, \$1.40. Purchaser pays transportation.

#### Round Point Shovel

Smooth back, strapped. No. 2, D handle, \$1.50; long handle, \$1.75. Purchaser pays transportation.

#### Home Garden Shovel

It is so sturdy that it will spade the toughest sod. Price, \$1.50. Transportation paid.

### Ladies' Spade Shovel

Measures 29 inches over all. Width of blade, 6% inches; depth, 9 ½ inches.
Price, \$1.75. Transportation paid.

#### Spades Standard Quality

Smooth back; fully strapped, No. 2, D handle, \$1.75; long handle \$1.75. Boys' Spades, \$1.60. Ames' Superior Shovels....\$2.50 Ames' Superior Spades....\$2.50 Purchaser pays transportation.

#### Nurserymen's Spade

Carbon steel. Blade 11 in, long 4½ in, wide, 30-inch handle.
Price, \$3.00. Purchaser pays transportation.

#### Soil Testers

La Motte-Kenny Indicator Field Set.

Purce, \$5.00.

La Motte-Morgan Soil Testing Set.

Larger and More Complete. Price, \$10.00.

Purchaser pays transportation.

#### Earp-Thomas Soil Tester

It will show which crops will thrive best in the soil. Full directions sent with each tester Price, \$5.00. Transportation paid.

#### Handy Lawn Mower Sharpener Will Sharpen the Dullest Mower in a Few Minutes

It will also sharpen the under blade or bed knife. Price, 75c. Extra files 30c. Transportation paid.

#### Rubber Plant Sprinklers

For sprinkling cut flowers, seedlings, clothes, c. A pressure on the bulb ejects the water etc. A pressur in a fine spray.

Prices, straight or angle neck, 8 oz., \$1.00; 10 oz., \$1.25. Transportation paid.

#### "Vapor" Bottle Sprayer

This "Vapor" Sprayer consists of one seam-less brass tube, working inside of an outer brass tube. It is made to fit any ordinary

Price, \$1.40. Spray only. With special screw cap bottle, \$1.50. Transportation paid.

#### Rubber Saucers for Flower Pots Durable and Waterproof

								-			I	9	er	. :	D	ozen
or	6-inch	Pot.	15c	eacl	1.	 					 				. :	\$1.50
E 0	7-inch	4.6	20c												٠	2.00
E 8	8-inch									,						2.50
6.0	9-inch		30c													3.00
4	10-inch			4.6									,			3.50
4.4	12-inch	4.4	40c	6.4				. ,								4.00
T	ransport	tatio	n pa	id.												
	~I		_				_									

#### Cloth Bag Jelly Strainer

Grips securely on any dish or pan; convenient for putting away in cupboard. Bag is 6-in. in diameter by 8-in. deep.
Price, 50c. Transportation paid.

No. 32

#### **Brass Sun Dials**

Ready to screw on or cement to the pedestal

1 post. No. 30—Brass, raised letters, diameter 6 inches \$3.50. May thy days be filled with sunshine. Thy nights with peace."

No. 31— Brass, raised fig-ures, diameter 10 inches 4.50. I count none but sunny hours.
No. 32—Brass, raised figures, diameter 10 inches 6.00.
My face marks the sunny hours, what can you say of V0169

Transportation paid.

#### The Henderson Knockdown Trellis

Easily assembled or knocked down. Letter (B) in the illustration shows the Letter (B) in the illustration shows the trellis knocked down, (C) the trellis expanded, (A) the post which is driven into the ground and on which the trellis is bolted. Bolts furnished. Complete instructions accompany each trellis. When knocked down, it is compact (as shown in illustration D). Prices:

4 ft. high, 36 in. spread, \$2.00.
Transportation paid.

5 ft. 8 in. high, 56 in. spread, \$3.00.
Transportation paid.

8 ft. high, 56 in. spread, \$4.00, not mailable. Purchaser pays transportation.

tation.

### Galvanized Wire Garden Trellis

48 inches wide, is made of the best galvanized wire, 2-inch mesh, and is furnished in 10-foot lengths, with a 5½ foot stake at each end and offe in the center. Price, per 10-ft. length, \$1.25; per doz. lengths, \$13.75. Purchaser pays transportation.

#### Twine Pea Netting

An excellent support for Garden Peas, Sweet Peas and other vines. Height 52 inches, 5-inch square mesh. Made in 300-foot lengths and sold in 25-ft. lengths and over. Price, 12c per lineal foot, transportation paid.

Henderson Knockdown Trellis



Galvanized Wire Trellis



Twine Pea Netting

#### Superior Tree Guards

"Widemesh." Rustproof finish. Mesh 2 by 6 in.
Diameter 8-in.; height 6-ft., \$2.25 each; \$24.75 doz.
Diameter 10-in.; 6-ft. high, \$2.75 each; \$30.25 doz.
Diameter 12-in.; 6-ft. high, \$3.25 each; \$35.75 doz.
"Cagemesh." Made of No. 17 wire, 5/8-in.
mesh, reinforced every 6-in. by flat steel rods securely woven into the fabric.

6-ft. high, 6-in. diameter; \$1.50 each; \$16.50 doz. 6-ft. high, 8-in. diameter; \$1.75 each; \$19.25 doz. 6-ft. high, 10-in. diameter; \$2.50 each; \$27.50 doz. Not mailable. Purchaser pays transportation.

#### Low Wire Mesh Guards

18-in. high, 6-in. diameter. Price, \$3.00 per doz.; \$18.00 per 100. Not mailable. Purchaser pays transportation.

#### Tree Scraper

An important tool for scraping diseased bark from trees, removing insect eggs, cocoons, etc. 85c Transportation paid.

#### TRIMMERS FOR LAWNS

Half-Moon Turf Edging Knife For trimming the sod around borders of walks, etc. Price, with handle, \$1.40 each. Transportation

#### Imperial Edge Trimmer

It plows a clean U-shaped trench, delivering the cutting on the sidewalk.

Price, \$1.85. Transportation paid.

#### Revolving Border Cutter

A splendid tool for trimming the turf A spiendid tool for trimming the turn around the edges of walks and flower beds. A revolving knife enables the work to be done with rapidity.

Price, \$2.25. Transportation paid.

#### **TROWELS**

Aluminum. 10½ ins. over all, 3 ins. wide. Solid aluminum, full polished blade; green enamel handle.

Price, 60c; \$6.60 per doz. Transportation

paid

paid.

Solid Steel. Light, strong, durable and perfect, handle cannot come off. 5-in. blade, 60c; 6-in., 65c; 7-in. 80c.
Ordinary Trowels, 5-in. 20c; 6-in. 25c; 7-in. 30c. Transportation paid.

"Slim Jim." Makes deep holes for putting in bulbs; solid steel, strong and serviceable. No. A, 5 ins. long, 20c; No. B 8 ins. long, 25c each. Transportation paid.

Wonderful. Cold rolled-steel, all in onel piece. So constructed that open ends will not lacerate the skin.

piece. So constructed and not lacerate the skin.
Price, 25c. Transportation paid.
Blade 4½ ins

Heart-Shaped. Blade 4½ ins. wide Price, 90c. Transportation paid. The Troweed. Combination trowel and weeder. Price, 35c. Transportation paid.



"Widemesh"





Imperial Trimmer Revolving Border Cutter

Solid Steel Trowel





Troweed

#### Cedar Tree Tubs

Made of seasoned selected Virginia White Cedar, Made of seasoned selected Virginia White Cedar, have heavy castings and are trimmed with extra heavy flat steel hoops. These tubs are painted both inside and out with best oil paints, and the hoops and castings are trimmed in a jet black paint. On this style we use a removable bottom.

Inside Measurements. Purchaser pays transportation.

Size	Top Diameter Inches	Bottom Diameter Inches	Depth Inches	Hoops Inches	Price Each	Weight Lbs.
No. 0	243/4	223/4	24	32 1/2	\$12.50	56
No. 1 No. 2	23 <sup>3</sup> / <sub>8</sub> 21	20 1/4 18 7/8	22 20	31 ½ 31 ½	11.10 9.90	34 37
No. 3 No. 4	18 <sup>11</sup> / <sub>16</sub> 16 ½	$\frac{17\frac{7}{8}}{14^{7}/_{16}}$	18 16	31 1/4 .	8.05 6.50	28 24
No. 5 No. 6	$\frac{14^{7}/_{16}}{12^{7}/_{16}}$	13½ 10½	14 12	31 31	5.85 4.65	17 14
No. 7	1134	97/8	10	3 <sup>3</sup> / <sub>4</sub> 3 <sup>3</sup> / <sub>4</sub>	4.10	10
No. 8	103/16	911/16	9 ½	3%	3.55	9



Cortlandt Tub

Tin Case

Hot Six's

tion

#### Cortlandt Tubs

Made of Specially Selected Seasoned Cypress. Painted Green inside and out with best Oil Paint. Smooth, Beveled Top. Purchaser pays transportation.

Size	Top Diam.	Bottom Diam.	Depth	Packed Weights	Price
No. 1 No. 2 No. 3 No. 4 No. 5	11 in. 12'' 14'' 15''	8½ in. 9 '' 11 '' 11½'' 15½''	10 in. 11 '' 13 '' 14 '' 18 ''	3 lbs. 5 '' 6 '' 8 '' 14 ''	\$1.25 1.50 2.00 2.50 3.50

#### Thermometers (Taylor's) Japanned Tin Case Thermometer

Magnifying spirit tubes, black oxidized brass scale, white filled figures. Scale ranges from 10 to 20 degrees below zero to 120 degrees F. above. Price, 8 inches, \$1.15; 10 inches, \$1.25 Trans Price, 8 inc portation paid.

#### Six's Maximum and Minimum Thermometers

Lacquered, polished brass case with sides flanged forward to protect the glass tube; scale graduated directly on the face of the case; length 10 in.; temperature range 30 degrees below zero to 120 degrees F. above. Price, \$7.00. Transportation paid.

#### Hot Bed and Mushroom Bed Thermometer

Brass-tipped point encloses the temperature bulb; it is simply thrust into the soil or bed. Best grade. Price, \$3.00. Transportation paid.

#### Perfection Mole Trap

Is easy to set and it will catch moles deep in the ground, and there being no pin or other obstruction projecting into the run, there is nothing to frighten or disturb the mole as it passes, and in doing so raises the ground over the 'run" just enough to spring the trigger. Price, \$1,20. Transportation paid.

#### Schroeter Improved Mole Trap

Low in build and self-setting. Can be used where other types are too high. Sets well in soft ground. Price, \$2.25. Transportation paid.

#### Twines for Garden, Farm and Greenhouse

Three-ply Jute Twine in cable, 100 strands to cable. 50-lbs. to reelPrice, \$8.50; 2-ply 50-lb. reel. Price, \$9.00. Purchaser pays transportation. Green Silkaline, Meyer's F. F. Fast color, very strong. Spool, 35c.
Box of 8 spools, \$2.50. Jute, 2-ply or 3-ply, per ball, 25c; doz., \$2.75.
Marlin, Tarred, per ball, 50c; 5 for \$2.25. Transportation paid.
Green Sea Island Cotton, per ball, 15c. Box of 8 balls, \$1.00.
Transportation paid.

#### Ladies' and Youths' Set of Garden Tools



This set of light-weight tools comprises a long handled a long handled garden rake with 6 teeth, a round pointed spade. 8 x 4 ½-in. blade, a 5-in. trowel, and an Excelsior Weeder.

They are all serviceable, well constructed tools.

Price, set of 5 tools, \$3.50. Transportation paid.

#### Weather Vanes

The vanes are made entirely of copper and brass and points of compass are of cast iron. All parts are well painted, revolving sections, balls and letter points of compass are gilded with 22 karat gold leaf. We can supply various designs, in various sizes, varying from \$10.00 and upward each. Special circular mailed on application. Purchaser pays transportation.



#### Henderson's Perfecto Window Box

Henderson's Perfecto window boxes for Flowers are recognized by scientific

Henderson's Perfecto window boxes for Flowers are recognized by scientific gardeners and florists as the correct idea in construction for growing house plants and porch plants. The problem is solved by means of the patented self irrigating and air circulating system.

Water can be poured in either end of box and quickly seeks the level of the connecting troughs and rises into the earth to the root of the plants.

The drainage plug in the end is removable, to be taken out only when the box is in the open and during heavy rainfall.

The material used in construction is copper-steel, with a lead coat, which will neither rust nor deteriorate like plain galvanized iron and is the best material procurable for a long-life flower box to be continually under moisture. It is light in weight. The finish is enamel, in green. Each box shipped or delivered is packed in an individual carton to insure preservation of finish and safe delivery to purchaser.

3.	32 inches	long, 6	inches	deep,	7	inches	wide								. ,		2.25
5.	44 inches	long, 6	inches	deep,	7	inches	wide										4.00
Transportation paid,																	
	1. 2. 3. 4.	<ol> <li>20 inches</li> <li>26 inches</li> <li>32 inches</li> <li>38 inches</li> </ol>	<ol> <li>20 inches long, 6</li> <li>26 inches long, 6</li> <li>32 inches long, 6</li> <li>38 inches long, 6</li> </ol>	<ol> <li>20 inches long, 6 inches</li> <li>26 inches long, 6 inches</li> <li>32 inches long, 6 inches</li> <li>38 inches long, 6 inches</li> <li>44 inches long, 6 inches</li> </ol>	<ol> <li>2. 26 inches long, 6 inches deep,</li> <li>3. 32 inches long, 6 inches deep,</li> <li>4. 38 inches long, 6 inches deep,</li> <li>5. 44 inches long, 6 inches deep,</li> </ol>	<ol> <li>20 inches long, 6 inches deep, 7</li> <li>26 inches long, 6 inches deep, 7</li> <li>32 inches long, 6 inches deep, 7</li> <li>38 inches long, 6 inches deep, 7</li> <li>44 inches long, 6 inches deep, 7</li> </ol>	<ol> <li>20 inches long, 6 inches deep, 7 inches</li> <li>26 inches long, 6 inches deep, 7 inches</li> <li>32 inches long, 6 inches deep, 7 inches</li> <li>38 inches long, 6 inches deep, 7 inches</li> <li>45 inches long, 6 inches deep, 7 inches</li> <li>46 inches long, 6 inches deep, 7 inches</li> </ol>	<ol> <li>20 inches long, 6 inches deep, 7 inches wide</li> <li>26 inches long, 6 inches deep, 7 inches wide</li> <li>32 inches long, 6 inches deep, 7 inches wide</li> <li>38 inches long, 6 inches deep, 7 inches wide</li> <li>34 inches long, 6 inches deep, 7 inches wide</li> </ol>	<ol> <li>20 inches long, 6 inches deep, 7 inches wide.</li> <li>26 inches long, 6 inches deep, 7 inches wide.</li> <li>32 inches long, 6 inches deep, 7 inches wide.</li> <li>38 inches long, 6 inches deep, 7 inches wide.</li> <li>54 inches long, 6 inches deep, 7 inches wide.</li> </ol>	<ol> <li>20 inches long, 6 inches deep, 7 inches wide.</li> <li>26 inches long, 6 inches deep, 7 inches wide.</li> <li>32 inches long, 6 inches deep, 7 inches wide.</li> <li>38 inches long, 6 inches deep, 7 inches wide.</li> <li>44 inches long, 6 inches deep, 7 inches wide.</li> </ol>	<ol> <li>20 inches long, 6 inches deep, 7 inches wide.</li> <li>26 inches long, 6 inches deep, 7 inches wide.</li> <li>32 inches long, 6 inches deep, 7 inches wide.</li> <li>43 inches long, 6 inches deep, 7 inches wide.</li> <li>45 44 inches long, 6 inches deep, 7 inches wide.</li> </ol>	1. 20 inches long, 6 inches deep, 7 inches wide 2. 26 inches long, 6 inches deep, 7 inches wide 3. 32 inches long, 6 inches deep, 7 inches wide 4. 38 inches long, 6 inches deep, 7 inches wide 5. 44 inches long, 6 inches deep, 7 inches wide	1. 20 inches long, 6 inches deep, 7 inches wide. 2. 26 inches long, 6 inches deep, 7 inches wide. 3. 32 inches long, 6 inches deep, 7 inches wide. 4. 38 inches long, 6 inches deep, 7 inches wide. 5. 44 inches long, 6 inches deep, 7 inches wide.	1. 20 inches long, 6 inches deep, 7 inches wide. 2. 26 inches long, 6 inches deep, 7 inches wide. 3. 32 inches long, 6 inches deep, 7 inches wide. 4. 38 inches long, 6 inches deep, 7 inches wide. 5. 44 inches long, 6 inches deep, 7 inches wide.	1. 20 inches long, 6 inches deep, 7 inches wide. 2. 26 inches long, 6 inches deep, 7 inches wide. 3. 32 inches long, 6 inches deep, 7 inches wide. 4. 38 inches long, 6 inches deep, 7 inches wide. 5. 44 inches long, 6 inches deep, 7 inches wide.	1. 20 inches long, 6 inches deep, 7 inches wide. 2. 26 inches long, 6 inches deep, 7 inches wide. 3. 32 inches long, 6 inches deep, 7 inches wide. 4. 38 inches long, 6 inches deep, 7 inches wide. 5. 44 inches long, 6 inches deep, 7 inches wide.	1. 20 inches long, 6 inches deep, 7 inches wide 2. 26 inches long, 6 inches deep, 7 inches wide 3. 32 inches long, 6 inches deep, 7 inches wide 4. 38 inches long, 6 inches deep, 7 inches wide 5. 44 inches long, 6 inches deep, 7 inches wide

#### Watering Pots

#### Regular Style

Regular Style
Round regular
style, heavy galvanized iron, one
rose, which unscrews to clean.
Not mailable.
6 qt. capacity, \$1.10; 8 qt. capacity, \$1.25; 10
qt. capacity, \$1.50; 12 qt.
capacity, \$1.75;
16 qt. capacity, \$2.00. Purchaser
pays transportapays transportation.

#### French Style

Oval shape. Each pot has a fine rose and one coarse. Not mail-

6 qt. capacity, \$4.75; 8 qt. cap-pacity, \$5.25; 10 qt. capacity, \$5.50; 12 qt. \$5.50; 12 qt. capacity, \$6.00; 16 qt. capacity, \$7.00. Purchaser pays transportation.

#### Weeders

Chisel Blade Weed Cutter. Long handled, with foot rest. See cut below. Price, \$1.75. Transportation paid.

Easy Way Weeder. It has a long handle and measures 49 ½ inches over all, is very strong and durable. See cut below. Price, 75c. Transportation paid.

Eureka Hand Weeder. Short handle, 6 inches, 50c each; medium handle, 25 inches, 75c each; long handle, 4 foot, 90c each. Transportation paid.

Excelsior Finger Weeder. Price, 25c each, \$2.75 doz. Transportation paid.

Hazeltine's Hand Weeder. Peculiar shape permits a wide range of work. 35c each, \$3.85 doz. Transportation paid.

Lang's Hand Weeder. A strap over the fingers keeps the tool in the hand. 25c each, \$2.75 doz. Transportation paid.

Lifting Weeder. A chisel blade cuts off the weeds, the trigger holds them. Price, \$1.35 each. Transportation paid.

Magic Weeder. The hoe is useful in loosening hard ground. Price 65c. each, \$7.15 per doz. Transportation paid.

Out-U-Kum Weed Puller. A push and a pull, that's all. Out comes Weed, root and all. Price, 75c. Transportation paid. Perfect Weed Cutter 13-inch, double edge blade, 2½ inches wide

tion paid.

Perfect Weed Cutter 13-inch, double edge blade, 2½ inches wide

Made sufficiently strong to cut heavy weeds and light bushes. Price, \$1.75.

Transportation paid.

Three Cornered Onion Weeder.
For weeding among onions and other rowed crops. 70c each, \$7.70 doz. Transportation paid.



Easy Way Weeder

#### Wotherspoon

Wotherspoon
Round shape. Each pot has a long spout with one fine and one coarse rose. Not mailable.
6 qt. capacity, \$4.75; 8 qt. capacity, \$5.25; 10 qt. capacity, \$5.50; 12 qt. capacity, \$6.00; 16 qt. capacity, \$6.75. Purchaser pays transportation.

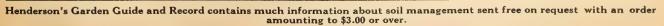


Regular French Wotherspoon





Perfect Weed Cutter Out-U-Kum



# Henderson's Banner Compressed Air Sprayer

None Better for the Medium Sized Garden or Small Orchard



The tank is well made of heavy solid brass, or heavy galvanized steel, double seamed and well riveted, to stand heavy pressure." Tank has double bottom to withstand heavy knocks against stones or

withstand heavy knocks against stones or on concrete floors.

Pump, heavy seamless brass with cast brass pump head. Pump screws into center of tank and a few strokes of the pump charge the tank with compressed air, and by releasing the lever control spray pours forth in a fine broad mist, or long distance spray according to the adjustment of nozzle. Each pump is equipped with shoulder strap adjustment with snap ends for quickly removing.

strap adjustment with snap ends for quickly removing.

Hose, 2-ft. of 1/2 inch best grade, with coil spring to prevent breaking when not in use, and in addition a brass rod 2-ft. long with angle neck to allow easy spraying underneath leaves. Nozzle, automatic, non-clog.

vanized tank. Capacity about 4 gallons.

Henderson's Banner Sprayer
Junior, Galvanized tank, capacity about 2 ½ gallons.

Two-row attachment for spraying 2 rows at one passing.

Brass Extension Rod, 2 foot lengths, As many as 3 rods can be screwed together to reach tall trees. Each 3.75 1.25

Brass Elbow for spraying under leaves .40
Brass Strainer for straining solution 1.25 Transportation paid.

#### The Spra-Rite Knapsack Sprayer Capacity Three Gallons

A large air chamber gives a continuous flow and an even pressure on a spray nozzle. Perfect valve action is assured, for there is only one solid bronze ball valve, which is readily accessible by unscrewing the air chamber. Regularly equipped with 3 feet of hose, automatic trigger shut-off and nozzle.

Price, Brass tank, \$20.00; Galvanized tank \$16.00. Shipping wt. about 35 lbs. Purchaser pays transportation.

pays transportation.



The Spra-Rite

#### Henderson's Single Spray Barrel Pump All brass working parts 200-lb. pressure.

One of the best single barrel spray pumps made. Develops a heavy pressure of 200 pounds on the nozzle, producing a powerful, continuous, unbroken spray, with slow, easy pumping.

The spraying capacity is 2½ gallons per minute. A superior type non-clog nozzle is part of the regular equipment. Pump clamps on open head barrel easily attached.

equipment. Pu easily attached.

For spraying all insecticides and can be used for spraying whitewash, disinfectants, etc.

Price, complete with truck\$34.50	1
or sold separately:	
Pump\$	9.50
15-ft. hose and nozzle.	3.00
50-gallon barrel, open head	7.00
Trunnions, per pair	.75
Truck, 3-in. tire, 30-in. steel wheels	5.00
Purchaser pays transportation.	



#### Henderson's Double Spray Barrel Pump Two outlets with brass cap for using one or two leads of hose and four nozzles if desired.

#### 300-lb. pressure

This is an unusually large, powerful spray pump, with all-brass working parts; carefully machined and ground together, making all parts air-tight and non-rusting. The large air chamber develops extra heavy pressure with slow, easy pumping. Capacity 3 gallons per minute. Nonclog nozzle. One of the most powerful hand spray pumps made spray pumps made.

Price, complete with one lead of hose,	nozzle
and truck	\$40.00
or sold separately:	
Pump.	14.00
15-ft. hose and nozzle	3.00
50-gallon double head barrel	8.00
1 pair trunnions	.75
Truck, 3-in, tire, 30-in, steel wheels	15.00
Purchaser pays transportation.	

#### Compressed Air Atomizer and Sprayer



Delivers a con-tinuous fog - like spray. Is fitted with straight and adjust-able nozzles, making

a perfect under-leaf sprayer. In fact, spray can be delivered at any angle or position desired. Made in solid sheet copper, highly nolished believed. highly polished, holds 1 quart.

Price, \$2.00. Transportation paid.

#### Cortlandt Continuous Sprayer

2 brass nozzles, one for spraying straight ahead, the other for under-leaf spraying. Slow, easy pumping maintains large, continuous unbroken spray. Easy for man or woman to operate. Sprays all insecticides on gardens, flowers, shrubbery, etc., disenfectants and fly spray. Large two quart galvanized tank, with all working parts made of brass. This is a very handy and useful sprayer. and useful sprayer.
Price, \$2.25. Transportation paid.





#### Henderson's Handy Sprayer

It is substantially built of heavy tin and can be used for spraying all sorts of secticides. Tank will hold one quart. Price, 50c. Transportation paid.

#### Wheelbarrow Sprayer

Length—Over all 60 inches; height
32 inches. Tank—Galvanized
or Brass. Height 22 inches.
Capacity 12 gallons. Brass
— Entire pump; ball valves;
pump cylinder, air chamber. Wheel—Height 16
inches, rim 1½ inches wide. Agitator—Dasher, keeps liquids thoroughly
mixed. Hose—8 feet, best grade
Nozzle—Brass, with two spray
discs for different sizes of spray.
See below. Price, 60c.

#### Hand Bucket Pump

The large pump cylinder air chamber permits operator to easily maintain a constant pressure on the nozzle of from 100 to 200 lbs., producing a continuous, unbroken spray with slow easy pumping. For spraying small trees, shrubbery, garden vegetables, washing automobiles, wagons, windows, and for spraying whitewash, disinfectants, sheep dip and all insecticides. Price, \$5.00.

With extra 7-foot section of hose and connection for pole (no pole furnished), for tree spraying. Price, \$5.50. We also furnish 2 foot Brass Extension Rods to fit this Pump at 60c each. Transportation paid.

#### Extension Rods

#### Necessity for Spraying Trees

Bamboo Extension Rod. Fitted with brass stop cock and drip guard. For use with Barrel Pumps only. Price, 8 feet long, \$3.50; 10 feet long, \$4.00. Express only. Purchaser pays transportation.

Galvanized Iron Spray Rod, complete with stop cock, 14-in. female pipe thread. Total length, 8 feet; 2 sections. For use with barrel pump

Price, \$3.50. Transportation paid.

Brass Extension Rod. 2 feet long; 1/4-in. thread. For use with Banner
Sprayer and Bucket Pump.

Price, 60c per length. Transportation paid.

#### Spray Nozzles

Bordeaux Nozzle. Throws long distance spray, a solid stream or a fine mist, and may be shut off altogether. For general spraying and for whitewashing. Impossible to clog.
Price, 90c. Transportation paid.
Vermorel Nozzle. Two caps for fine or coarse spray. Impossible to clog, as obstructions are forced out with spring needle. For spraying trees, shrub-perv, etc.

bery, etc.
Price, 90c. Transportation paid.
Y. For spraying two rows at a time.
Price, \$1.25. Transportation paid.
The "Stott" Spray Nozzle. Gives a spray as fine as mist.

Single spray for ¾-in. connection, \$1.75; Double spray, ¾-in., \$2.75. Transportation paid.





#### Henderson Powder Duster



Made of heavy sheet steel, 18 inches long, with extension tube to enable the operator to dust crops without bending

Extension tube is 17 inches Extension tube is 17 inches long and can be turned to any angle. Long air chamber develops strong blast.

Price, \$1.25. Transportation paid.

Leggett's Champion Powder Gun

With it are supplied various nozzles for different uses. With the "V" nozzles, two rows of potatoes are dusted at one time, then there is a hood nozzle for cabbage worm dusting, it keeps the powder from escaping beyond the head; then there is a curved nozzle for under dusting, and telescope nozzles to blow powder into tall trees—altogether it is the most complete and satisfactory powder dusting arrangement ever invented. Weight about 5 pounds, is easily carried and is operated by turning a little crank, geared to revolve the blow fans, like a fan mill; the quantity of powder to be distributed can be regulated as required.

Price, complete, \$10.00. Purchaser pays transportation.

The Savage Duster

Highly adapted for dusting cotton with calcium arsenate for the control of the boll weevil and for dusting garden vegetables of every description, shrubbery, tobacco plants, etc.

Will dust every remedy in powdered form.

form

Easier to carry and operate than any hand duster made. Per-fect balance. Ball bearings and fect balance. gears packed in grease require

grease require no lubrication. Price, \$20.00. Packed weight, 15 lbs.

Purchaser pays transpor-tation.



This bellows can be held in any direction without wasting powder, as it regulates its own supply, and it does not clog up. The best article ever invented for destroying insects in the conservatory, garden, orchard or field. Price, \$6.50. Transportation paid.

Woodason's Single Cone Powder Bellows Price, large size, \$4.50; small size (for conservatory and house use), \$3.25.

Transportation paid.

#### Jumbo Powder Gun

For applying insect powders on plants in the house or small gardens, it will hold about 4 ozs. of powder, which is ejected and distributed by a pressure with thumb

Price, 40c each. Transportation paid.

#### Handy Pail Duster

For applying dry insecticides, such as Tobacco Dust, Slug Shot, etc.; practical and durable; easy to operate. Size, 10 by 6 inches, capacity about 5 lbs. of powder. Price, \$1.00. Transportation paid.

#### Bamboo Extension Pole With Brass Connecting Sockets Caterpillar Lamp Asbestos Torch

The Bamboo Extension Pole is made in 3 sections of 4 feet each and is securely connected with brass sockets, light and strong. Price, \$1.00. Transportation paid. It can be used with torch, lamp, or fruit picker. The Abestos Torch is a galvanized wire basket filled with asbestos, when dipped in kerosene and lighted, is ready for use in destroying caterpillar nests in trees. Price, 50c. Transportation paid. The Collins Caterpillar Lamp is constructed with a pan to catch the worms. Price, \$1.00. Transportation paid. The Fruit Picker. Price, 50c, extension pole extra. Transportation paid.

#### Electric Insekiller Will Electrocute Insects and Moths in the Garden or Greenhouse

For many insects this new invention will prove a far more effective method of control than spraying. In the greenhouse it is a positive protection against leaf roller, leaf tier and moth miller. In the garden it is destructive to hundreds of night flying moths and on the porch it will eliminate the mosquito

pest.
The Insekiller is attractive, having the appearance of a suspended electric lantern, but the light bulb is surrounded with charged wires which kill all insects which are attracted to it by the light. It operates on a 110 volt alternating current and costs

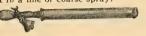
Price, Model B (60 cycles) \$27.00. Purchaser pays transportation.





Henderson's Brass Syringes

They are fitted with Caps for ejecting water in one stream or dispersing it in a fine or coarse spray.



No. A. Length of barrel, 12 inches; diameter 1 inch; 1 spray rose and 1 jet, \$3.00. Transportation paid.



Barrel 16 inches long; 1% inches diameter; 1 spray rose and 1 stream jet side attachment and elbow joint. \$6.75. Transportation paid.



No. H. Sheet brass fixed spray rose; barrel 16 inches long; 1½ inches diameter, \$4.25. Transportation paid

No. 2. Barrel 13½ inches long; diameter 1 $^{5}$ /16 inches; 1 coarse and 1 fine spray rose and 1 jet; side attachment, \$6.00. Transportation paid.



No. 10. Barrel 18 inches long; diameter 1¼ inches; 1 coarse and 1 fine spray rose, and 1 stream jet, with patent valves and elbow joint for sprinkling under the foliage.

Price, \$9.00. Transportation paid.



Same as No. 10 without patent valves Price, \$8.00. Transportation paid

# Water Barrel Trucks and Accessories

Purchaser Pays Transportation

THE TRUCK—consists of a strong frame fitted with 30 inch steel wheels, 3 inch tread. It will pick up a trunnioned barrel filled with water in an instant without any handling, all the weight being balanced over the axle, Price, \$15.00.

Price, \$8.00, complete with truck, \$22.50.

LEAF RACK—also built with connections for instant attachment to truck, length 38 inches, width truck, \$7.50, complete with truck, \$22.00.

BOX—Strongly built with connections for instant attachment to truck, length 38 inches, width 24 inches, depth 10 inches. Will serve a hundred uses in the garden.

Price, \$8.00, complete with truck, \$22.50.

LEAF RACK—also built with connections for instant attachment to truck.

ment to truck, capacity about 10 bushels.
Price \$15.00, complete with truck, \$29.50.
Extra trunnions, per pair 75c.



The Truck with Barrel Attached

The Henderson Sprinkling Cart

The most practical and useful apparatus for sprinkling solutions of Bordeaux, Semesan, Sulphate of Ammonia, and the like, on Golf Courses, Lawns, and Sports Turfs. Strength, endurance, and practicability have been wrought into this outfit. The barrel, which has a capacity of 50 gallons, is made of the best white oak, painted, and open head. The truck is heavily constructed with 3-in. tires. The sprinkler pipe, which is 6 ft. long and 1 in. in diameter, is equipped with approved lift valve. Total weight, 200 lbs.

Price complete \$35.00. Purchaser pays transportation.





Leaf Rack and Truck



Spray Pump and Truck



Price of Sprinkler Attachment alone \$14.00. Purchaser pays transportation.

# INSECTICIDES—FUNGICIDES and VERMICIDES

SPECIAL NOTICE—Items offered transportation paid are prepaid by us within first and second zones (150 miles of New York City), mail express or freight, at our option. Beyond these zones, purchaser pays transportation charges. Insects that suck the juices from plants, foliage, etc., such as lice, green, black and white aphis or fly, mealy bug, red spider and scale, must be destroyed by contact insecticides. Those in powder form kill by the breathing pores in the insect's skin; in liquid form, by being absorbed through their pores. The best contact insecticides in powder form are Hellebore, Slug Shot and Tobacco Dust. The best fluids are Aphine, Black Leaf 40, Evergreen, Fish Oil Soap, Kerosene Miscible Oil, Red Arrow, etc. For San Jose, Oyster and Scurfy Scale, use

are Aphine, Black Leaf 40, Evergreen, FISH OII Soap, Merosene Mischile Oil, Med Arthur, Scalecide, etc.
Lime Sulphur, Scalecide, etc.
Insects that eat plants, foliage, vegetables, fruits, flowers, etc., whether bugs, beetles, worms, caterpillars or slugs, are more quickly and effectually destroyed with a poisonous stomachic insecticide, such as Arsenate of Lead or Hellebore. Less poisonous stomachic and contact insecticides are Evergreen, Kerosene Miscible Oil, Red Arrow, Derrisol, Slug Shot, etc. For ground insects, cut worms, grubs, etc., use Snarol or Vermine. For blights, rust, black spot and fungus diseases, use Bordeaux Mixture, Fungine, Fungtrogen, Pyrox, etc.
DIRECTIONS for using any of the following will be found on each package. Poisonous Insecticides are not mailable.

Ant Killer. A very effective and much-needed product for use on

lawns, sports turf, golf courses, etc.
Price, 4-oz. tin, 50c; per doz., \$5.50; Estate size, 16 ozs., \$1.75.

Not mailable. Purchaser pays transportation.

Antrol. A highly efficacious control agent for Argentine and native species of ants. Ready Filled Set consisting of 4 Feeders complete 50c.

Regular Set, 4 jars and 4 ozs. syrup, 75c; 4 ozs. syrup, 35c; 1 pt. syrup, 85c. Extra jar, 10c. Not mailable. Purchaser pays transportation.

Aphine. Very powerful. Applied as a spray, wash or dipping solution. It kills aphis, thrip, red spider, slugs, ants, mealy bug, scale. Price, 1 gill, 25c; ½ pint, 40c; 1 pint, 65c; qt., \$1.00; gal., \$3.00.

Transportation paid, see note top of page.

Arsenate of Lead Powder. For dusting mixed with Hydrated Lime or road dust or in liquid form. To kill most chewing insects on plants trees, shrubs, etc.

plants, trees, shrubs, etc.

Price, ½ lb., 20c; 1 lb., 35c; 5 lbs., \$1.35; 10 lbs., \$2.50; 25 lbs., \$4.75; 100 lbs., \$17.00. Not mailable. Purchaser pays transportation.

Larger quantities, price on application.

Black-Leaf 40. One of the best-known and most widely-used products for the effective and economical control of sucking insects. For Delousing poultry, "paint" Black-Leaf 40 on top of roosts Price, 1 oz., 35c; 5 ozs., \$1.00; 1 lb., \$2.10; 2 lbs., \$3.10; Price, 1 oz., 35c; 5 ozs., \$1.00; 1 lb., \$2.10; 2 lbs., \$3.10; 5 lbs., \$5.85; 10 lbs., \$10.15. Not mailable. Purchaser pays transportation.

Bordo and Arsenate of Lead Powder. A combined insecticide and fungicide, kills bugs and prevents many diseases, such as mildew,

blight, rot and fungus. Can be used as a wet or dry spray.
Price, ½ lb., 25c; 1 lb., 40c; 5 lbs., \$1.50; 10 lbs., \$2.50;
25 lbs., \$5.50; 100 lbs., \$20.00. Not mailable. Purchaser pays transportation. Larger quantities, price on application.

Bordeaux Mixture, Powdered. For blight, mildew, rust, etc.

It has all the advantages of paste, with double the strength. Goes twice as far. Used for dry dusting or spraying. Dilute 1 pound to about 6 gallons of water for 3-3-50 formula. Price, ½ lb., 20c; 1 lb., 35c; 5 lbs., \$1.40; 10 lbs., \$2.50; 25 lbs., \$5.50; 100 lbs., \$17.00. Not mailable. Purchaser pays transportation.

Larger quantities, price on application.

Copper Solution, Ammoniated. A fungicide for spraying when fruits are nearing maturity, or plants in bloom. One quart is sufficient for 25 gals. of spray.

Price, 1 qt., \$1.50; 1 gal., \$4.60. Not mailable. Purchaser pays

transportation.

Copper Sulphate (Blue Stone.) Used for spraying, also composes a necessary part in Bordeaux Mixture when made up by user. Price, 1 lb., 20c; 5 lbs., 85c; 10 lbs., \$1.50; 25 lbs., \$3.50; 100 lbs., \$12.00. Transportation paid, see note top of page.

Crow Repellent. Protects corn from rot, also birds and animal pests, such as gophers, squirrels, etc. Does not hinder germination. Price, large can, enough for two bushels of seed corn, \$1.00; small can, enough for 1 bushel, 60c. Transportation paid, see footnote.

Cyanogas (A) Dust. For outside use in killing rats, moles, wood-

chucks, gophers and ground squirrels.

Price, ½ lb., 45c; 1 lb., 75c; 5 lbs., \$3.00; 25 lbs., \$10.00; 100 lbs., \$30.00. Not mailable. Purchaser pays transportation.

Cyanogas (G) Fumigant. For greenhouse, mushroom, and soil-fumigation. Scatter over the greenhouse walks and close the house for the night. Generates deadly hydrocyanic acid gas, which is very effective in controlling aphis, thrips, white fly, and soft scale. Price, 5 lbs., \$3.00; 25 lbs., \$10.00; 100 lbs., \$30.00. Not Mailable.

Purchaser pays transportation.

Cut Worm Remedy. See "Snarol."

Derrisol. Concentrated, odorless insecticide for the control of plant lice, leaf hopper, green flies, thrips, red spider, etc. Price, 1 oz., 35c; ½ lb., \$1.25; 1 lb., \$2.25; 2 lbs., \$3.25; 10 lbs., \$12.00. Transportation paid, see note top of page.

Evergreen (Non-Poisonous). Will not injure or discolor the most tender plant; HARMLESS to man, birds or animals, yet deadly to sucking and chewing insects, such as aphis, thrip, rose bug, red spider and bean beetles. One ounce makes up to six gallons of spray. Price, 1 oz., 35c; 6 ozs., \$1.00; 16 ozs., \$2.00; qt., \$3.50; gal., \$11.50;

5 gals., \$45.90. Transportation paid, see note top of page.

Fish Oil Soap (Whale Oil Soap). A wash for insects and eggs on the bark, and for smearing the trunks of trees to prevent worms from crawling up

Price, 1 lb., 30c; 5 lbs., \$1.25; 10 lbs., \$2.25; 25 lbs., \$4.00; 100 lbs., \$13.00. Transportation paid, see note top of page. Formaldehyde. A preventive of fungoid diseases, such as potato

Formaldehyde. A preventive of fungoid diseases, such as potato scabs, smuts, musty corn, damping off of seedlings, club root, etc. Price (40 volume per cent.), 1-lb. bottle, \$0c; 5-lb. bottle, \$1.50; 9-lb. bottle, \$2.50. Not mailable. Purchaser pays transportation. Fungine. An effective sulphurated spraying remedy for mildew, rust and other blights. Does not stain the foliage. Price, ½ pt., 40c; pt., 65c; qt., \$1.00; gal., \$3.00. Transportation paid, see note top of page.

Fungtrogen. Controls mildew, black spot and many fungus diseases of roses and other plants. A highly concentrated fungicide, invisible on the foliage or blooms. It is combined with a plant stimulant. To use, mix with water 60 times its volume.

Price, ½ pt., 75c; pt., \$1.25; qt., \$2.00; gal., \$6.00. Transportation

invisible on the foliage or blooms. It is combined with a plant stimulant. To use, mix with water 60 times its volume.

Price, ½ pt., 75c; pt., \$1.25; qt., \$2.00; gal., \$6.00. Transportation paid, see note top of page.

Grape and Rose Dust. For black spot on roses, powdery mildew on grapes and flowers, blights, and leaf-eating insects.

Price, 5-lb. pkg., \$1.00. Transportation paid, see note top of page.

Hellebore, Powdered White. Less poisonous than Paris Green and Arsenate of Lead, and safer to use when fruits or vegetables are nearly ripc. Can be used as a powder or dissolved.

Price, ½ lb., 30c; lb. 50c; 5 lbs., \$2.25. Not mailable. Purchaser pays transportation.

pays transportation.

Imperial Soap Spray. Does not spot fruit or foliage or deface paint work. Very effective against rose bug, white, black and green

paint work. Very enective against rose bug, white, black and getting, red spider, thrips and aphis.

Frice, 1 pt., 60c; 1 qt., \$1.00; 1 gal., \$3.00; 5 gals., \$12.00. Transportation paid, see note top of page.

Insect Spray, Household. Non-poisonous; will not stain. Will exterminate the household fly, moth, mosquito, bedbug, ant, roach, and the property of the prop

exterminate the household fly, moth, mosquito, bedbug, ant, roach, and is a general insect spray. Do not spray on foliage.

Price, 8-oz. can, 50c; 1-pt. can, 70c; 1-qt. can, \$1.20; 1-gal. can, \$3.00.

Transportation paid, see note top of page.

Kerosene Miscible Oil. Better than Kerosene Emulsion. Is especially valuable against all soft-bodied insects.

Price, 1 pt., 50c; 1 qt., 75c; 1 gal., \$2.00; 5 gals., \$7.50.

Transportation paid, see note top of page.

Lemon Oil. Destroys mealy bugs, scale, thrips, red spider, etc. Price, ½ pt., 40c; 1 pt., 70c; qt., \$1.20; gal., \$3.50. Transportation paid see note top of page.

paid, see note top of page.

Lime Sulphur Solution. For scale insects on trees and such fungus bark diseases as can be treated in winter. Dilute and spray with a spray pump while trees are dormant, in fall, winter or spring.

Price, 1 qt., 50c; gal., \$1.25; 5 gals., \$3.75; 25 gals., \$10.00;

50 gals., \$14.00. Transportation paid, see note top of page.

Lime Sulphur (Powdered). For dormant spraying of fruit and shade trees and bushes against San Jose and Oyster Shell Scales;

also for peach leaf curl and brown rot of peaches. 1 pound makes

also for peach test
3½ to 5 gallons.

Price, 1 lb., 40c; 5 lbs., \$1.50; 10 lbs., \$2.75; 25 lbs., \$5.75
Transportation paid, see note top of page.

Magnesium Arsenate. Used for the elimination of bean beetles,

Par wet spraying, 1 pound to 50 gallons water. caterpillars, etc. For wet spraying, 1 pound to 50 gallons water. Care should be taken that the under side of the leaves are thoroughly sprayed. For dry spray, add 4 pounds Hydrated Lime to each 1

price, 2 lbs., 80c. Not mailable. Purchaser pays transportation.

Mo-Lo (Poisoned Tablet). Exterminates moles and field mice.

Price, 25c per box of 12 tablets; \$2.75 per doz. boxes.

Not mailable. Purchaser pays transportation.

Nico-Fume (Liquid). For vaporizing and spraying. Price, 1 lb., \$2.25; 4 lbs., \$5.75; 8 lbs., \$10.00. Not mailable.

Purchaser pays transportation. Nico-Fume Paper. Price, box of 24 sheets, \$1.25; box of 144 sheets, \$4.50; box of 288 sheets, \$8.00; transportation paid, see note top of page.

Nico-Furne Tobacco (Powder). For fumigating greenhouses. Price, 1-lb. tin, \$1.00; 5-lb. tin, \$3.35; 10-lb. tin, \$5.85. Not mailable. Purchaser pays transportation.

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DIRECTIONS for using any of the following will be found on each package. Poisonous insecticides are not mailable.

Nicotine Pyrox. Pyrox plus nicotine. Kills aphis (plant lice) and many sucking insects; also destructive to caterpillars and other pests that chew the leaves. Prevents mildew and blight. Price, 10-oz. package, 50c; 40 ozs., \$1.25; 10-lb. drum, \$3.00. Not mailable. Purchaser pays transportation.

Para-Dichloro-Benzine. For peach tree borer. Generates a

as. Directions on container.

Price, ½ lb., 35c; 1 lb., 65c; 5 lbs., \$2.50; 10 lbs., \$4.50. Transportation paid, see note top of page.

Paris Green. ¼ lb., 25c; 1 lb., 50c; 5 lbs., \$2.00; 14 lbs., \$4.50. Not mailable. Purchaser pays transportation.

Pomo Green with Nicotine. Used extensively as a prevention against black spot, mildew, etc., on roses and growing plants. The nicotine content kills aphis (plant lice) and other sucking and leafeating insects.

Price, 1 lb., 75c; 5 lbs., \$3.00. Not mailable. Purchaser pays

transportation.

Pyrox. An insecticide and fungicide for chewing insects, blights

and fungus.

Price, 1 lb., 50c; 5 lbs., \$1.75; 10 lbs., \$3.00; 25 lbs., \$6.75; 50 lbs.' \$10.75; 100 lbsj, \$12.50. Not mailable. Purchaser pays transportation.

Red Arrow Insect Spray. A non-poisonous, efficient insecticide for use against sucking and chewing insects, such as Mexican bean beetles, Japanese beetles, rose chafers, aphids (plant lice), leaf hopper. Price, 1 oz., 35c; 3½ oz., \$1.00; ½ pt., \$1.75; qt., \$6.00; gal., \$20.00. Transportation paid, see note top of page.

Scalecide. Used for the destruction of the San Jose scale. Trees may be sprayed in winter and early spring before they start to come

to bud.

Price, qt., 60c; gal., \$1.40; 5 gals., \$4.90; 10 gals., \$10.00; 15 gals., \$13.50; 30-gal. bbl., \$19.00; 50-gal. bbl., \$26.50. Transportation paid, see note top of page.

Semesan. As a remedy for the malignant grass disease called "Brown Patch."
Price, 2 ozs., 50c; 1 lb., \$2.75; 5 lbs., \$13.00; 25 lbs., \$51.25; Semesan.

Price, 2 ozs., 50c; 1 lb., \$2.75; 5 lbs., \$13.00; 25 lbs., \$51.25; 100 lbs., \$200.00. Not mailable. Purchaser pays transportation.

Semesan Bel. Applied to whole or cut seed potatoes, Semesan Bel will prevent or control the common seed-borne potato diseases. Price, 4 ozs., 50c; 1 lb., \$1.75; 5 lbs., \$8.00; 25 lbs., \$31.25; 100 lbs., \$120.00. Not mailable. Purchaser pays transportation.

Semesan Jr. For both field and sweet corn seeds against the ear,

root and stalk rots.

Price, 4 ozs., 40c; 1 lb., \$1.50; 5 lbs., \$7.00; 25 lbs., \$31.25; 100 lbs., \$120.00. Not mailable. Purchaser pays transportation.

Slug Shot. A non-poisonous powder insecticide. Not injurious

to the person applying it, or to fruits and vegetables. Destroys potato bugs, beetles, green flies, slugs, worms, etc.

Price, 1-lb. canister, perforated top, 25c; 5-lb. canister, 75c; 25-lb. fibre bag, \$3.50; bulk, 125-lb. keg, with duster, \$16.50; bulk, 250-lb. bbl., with duster, \$33.00. Transportation paid, see note top of page.

Snarol. For the control of cutworms, snails, slugs, etc., non-injurious to vegetation and very economical to use on account of its

Insolubility in water.

Price, per 1½-lb. pkg., 35c; 4-lb. pkg., 85c; 15 lbs., \$3.00; 50 lbs., \$8.00. Not mailable. Purchaser pays transportation.

Sulphur, Dusting. Used for checking mildew, blight, etc. Price, 1 lb., 15c; 5 lbs., 45c; 10 lbs., 80c; 100 lbs., \$7.00. Transportation paid, see note top of page.

Sulfocide. A powerful summer fungicide for fruits, vegetables and flowers. Very superior for the control of apple scab, brown rot A powerful summer fungicide for fruits, vegetables of peaches and other serious diseases. 1 gallon makes 200 gallons

of spray.
Price, qt., 85c; gal., \$2.75; 5 gals., \$7.50. Transportation paid, see note top of page.

Tobacco Stems. Used for fumigating and as a fertilizer. Price, bale, about 100 lbs., \$4.00. Transportation paid, see note top of page.

Tree Tanglefoot. No crawling insect can pass a band of tree tanglefoot. 1 pound for 12-foot band, 4 inches wide, 1-16 inch thick. Price, 1 lb., 60c; 5 lbs., \$2.75; 10 lbs., \$5.25; 25 lbs., \$11.00. Transportation paid, see note top of page.

Thrip Juice (Hammond's). Very effective against aphis, thrip,

red spider, mealy bug, etc.
Price, pt., 65c; qt., \$1.25; gal., \$4.80. Transportation paid, see note top of page.

Tree Wound Paint. Is an insurance against decay, having penetrating, antiseptic and elastic waterproofing qualities. Price, pt., 40c; qt., 75c; gal., \$2.00; 5 gals., \$7.50. Transportation

paid, see note top of page.

Tobacco Dust, Fine. For green and black aphis, flea-beetles. etc. Splendid fertilizer and preventive for insects in the ground and around roots.

Price, 1 lb., 20c; 5 lbs., 70c; 10 lbs., \$1.10; 25-lb. bag, \$1.50; 50-lb. bag, \$2.50; 100-lb. bag, \$4.50. Transportation paid, see note top of page.

Vermine. Kills underground insects. Use 1 part Vermine to

400 parts water, thoroughly saturating the ground.

Price, ½ pt., 40c; pt., 65c; qt., \$1.00; gal., \$3.00. Transportation paid, see note top of page.

Volck Insecticide. It successfully controls scale, mealy bug, white fly, red spider, and mites, aphis, caterpillars and many other

insect pests. Prevents rose mildew.

Price, ½-pt. cans, 35c; pt.-cans, 55c; qt., 80c; gal., \$2.50; 5 gals., \$7.50; 14 gals., \$15.50; 28-gal. drum, \$28.00. Transportation paid. see note top of page.

Wilson's O. K. Plant Spray. For roses, chrysanthemums, evergreens, and all plants affected with scale or insects, under glass or

outside.

Price, ½ pt., 40c; qt., \$1.00; gal., \$3.00; 5 gals., \$12.00; ½ bbl., \$50.00; bbl., \$90.00.

Transportation paid, see note top of page.

X-L-ALL Liquid Insecticide. Destroys mealy bug, scale, thrip, red spider, green and black fly, caterpillars, blight and all insect pests in the garden; it is perfectly safe to use on tender plants. Price, qt., \$3.00; gal., \$8.50. Transportation paid, see top of page.

Zelio Paste. Sure death to rats, mice, ground squirrels, and prairie dogs. Drives rats and mice into the open to die.

Price, 2-oz. tube, 50c each; 8-oz. can, \$1.50 each. Not mailable. Purchaser pays transportation.

#### WEED and EARTHWORM KILLERS

Henderson's Fluid Weed Destroyer
Kills Poison Ivy. Kills all vegetation it comes in contact with and prevents growth for a period of one year.

A sure killer of weeds, grass, etc., on tennis courts, paths and

driveways. 5 gallons is a sufficient quantity for tennis courts. Easily applied with sprinkling pot or cart. Dilute with water according to

directions and apply.

To kill poison ivy, make a solution of one part of Henderson's Fluid Weed Destroyer to fifteen parts of water. Take a crowbar or sharp, pointed stick and make a hole in the soil near the root of the

ivy and pour a pint of the solution in the hole.

A quart can makes 7 to 10 gals., sufficient for 200 sq. ft....\$ .60

A gal. can makes 30 to 40 gals., sufficient for 800 sq. ft.... 1:75

5-gal. keg makes 150 to 200 gals., sufficient for 4,000 sq. ft... 6.50

55-gal. bbl. makes 1,650 to 2,200 gals., sufficient for 44,000 sq. ft.45,00

Shipped by express or freight only. Purchaser pays transportation.

Henderson's Worm-Killing Grass Food

It not only stimulates the grass on lawns, putting greens, tennis courts, croquet grounds, etc., into rich green growth, but it quickly eliminates the earth or angle worms that burrow in the turf in almost unbelievable quantities. More lawn troubles are traceable to earth worms than most people realize, and we advise all whose grass is not as good as it should be to apply Henderson's Worm-Killing Grass Food at the rate of ½ pound to a square yard and water in with a hose. The worms will then almost immediately come to the surface and die. It is a non-poisonous powder not injurious to surface and die. It is a non-poisonous powder not injurious to animal or bird life. Its fertilizing properties, while combined into a well-balanced grass food, are not so strong but that it can safely

be applied on grass according to directions.

Price, 5 lbs., 55c; 10 lbs., \$1.00; 25 lbs., \$2.00; 50 lbs., \$3.75; 100 lbs., \$6.00; 500 lbs., \$25.00; 2,000 lbs., \$90.00. Transportation paid,

see note top of page.

Atlacide. (Non-poisonous, powder.) Exterminates undesirable vegetation, including poison ivy, Canada thistle, etc. Apply as a

dust only.

Price, 1 lb., 50c; 3½ lbs., \$1.50; 15-lb. drum, \$3.50; 50-lb. drum, \$7.00; 100-lb. drum, \$13.50. 1 pound is sufficient for 100 to 300 square feet. Transportation paid, see note top of page.

"Climax" Lawn Sand. Non-poisonous chemical, distributed at 4 ounces per square yard. Kills weeds by adhering to the broad, flat leaves, but falls clear to the roots of the grass and fertilizes the soil. Price, 3½-lb. tin, 90c; 7-lb. tin, \$1.65; 14-lb. tin, \$2.60; 28-lb. tin, \$3.75; 56-lb. tin, \$7.00. Transportation paid, see note top of page.

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# HENDERSON'S PLANT FOODS are FAMED for QUALITY

SPECIAL NOTICE.—We prepay transportation charges on Fertilizers by parcel post, express or freight at our option within the first and second zones (150 miles of New York City). Purchasers, beyond these zones, pay transportation charges.

#### GARDEN FERTILIZER

Best Grade-Highly Concentrated

Contains all the Food Elements Required for Quality Vege-tables and Flowers

Strictly high grade, complete, highly concentrated, fine and dry. It is free from objectionable odor, and contains all the food elements needed by vegetables and flowers, for their quick growth, early maturity and perfect development. This is a matter of great importance particularly when growing vegetables, for those that mature quickly are invariably finer flavored than if their development is drawn over a more extended period. It should be applied after plowing or digging and just before harrowing or raking at the rate of 34 to 1 ton to the acre or 10 lbs. for plot 10 x 20 or 200 square A light top-dressing applied at intervals while a crop is growing will produce magnificent results.

Prices:		50 lbs	\$ 3.00
5 lbs		100 lbs	4.50
10 lbs		500 lbs	17.00
25 lbs	1,60 2	,000 lbs. (1 ton)	60.00
See Special	Notice on top of page regar	rding Prepayment.	

# TREE and SHRUB FOOD

For Fruit and Shade Trees, Shrubs, Evergreens, Bush Fruits, Grape Vines and Hedges

Increases the size and improves the fruit on trees, bushes and vines, and the flowers of hardy shrubs.

The quantity to use for established plants depends upon their size. From 1 to 2 lbs. each will suffice for most shrubs and vines. Trees with a spread of about 10 feet require 5 lbs. each. Those with a spread up to 20 feet, 10 lbs. Up to 30 feet, 20 lbs. Up to 40 feet, 35 lbs. Up to 50 feet, 50 lbs.

The food should be applied over the area covered by the overhang of the tree. Where the ground is covered with grass, holes may be made with a crow bar and these holes filled with the food. When setting out young trees mix from 1 to 5 lbs. to each tree in the soil where they are to be planted. When planting a hedge allow from 1/4 to 1/2 lb. to each plant. Directions for applying sent with each package.

Prices:	25 lbs	\$2.2
5 lbs\$ .90	50 lbs	4.25
10 lbs 1.50		7.00
Prices on larger quantities quot	ed on request.	

See Special Notice on top of page regarding Prepayment.

#### BONE MEAL Henderson's Medium Fine **Excellent for Top Dressing Lawns**

It is for its slow disintegrating and long lasting qualities that Bone Meal is so very desirable for fertilizing all hard wooded plants, including flowering shrubs, fruit bushes, trees, and the like.

As there is absolutely no danger of burning or causing rot in fleshy bulbs, including Tulips, Hyacinths, etc., a liberal application of Bone Meal mixed into the soil before planting them will be amply repaid for by the remarkable size and brilliancy of the flowers obtained.

For Lawns it is a dependable fertilizer, as it contains the essential

elements that grass requires. It may be broadcast as a top-dressing at any time either in early spring or during the growing season.

Quantity required. For lawns, pasture and mowing lands to lbs. to 200 square feet or ½ to 1 ton per acre. For trees and vines, 2 to 4 lbs. each. For field and garden crops, ¼ to 1 ton broadcast and harrowed in. For rose beds, pot plants, etc., one part to about fifthe food! fifty of soil.

Prices:	50 lbs	\$ 2.50
5 lbs\$ .45	100 lbs	3.75
10 lbs	500 lbs	14.50
25 lbs 1.40	2,000 lbs. (1 ton)	48.00
See Special Notice on top of page	regarding Prepayment.	

# BONE MEAL Coarse Ground

Especially valuable for feeding trees, shrubs and grape vines. Price 100 lbs., \$5.50; 500 lbs., \$25.00. See Special Notice on top of page regarding Prepayment.

BLOOD and BONE
Henderson's Formula for Lawns and Sports Turf. The high nitrogenous and phosphoric content of this absolutely safe fertilizer has won for it great popularity among greenskeepers and groundsmen for top-dressing sports turf. It is also of exceptional value for garden crops, root crops, corn, grain, small fruits, grape

vines, etc., and all grass lands.
Price, per 100 lb. bag, \$5.00; 500 lbs., \$22.50. Price on applica-

tion for larger quantities.
See Special Notice on top of page regarding Prepayment.

# LAWN ENRICHER and Top Dresser

For New and Old Lawns, Athletic Fields, Golf Courses, Etc. It is Odorless, and Quickly Induces a Luxuriant Green Growth.

The constant mowing of grass and removal of clippings also removes a proportion of digested plant food. Therefore, if the luxuriance of a lawn is to be maintained, it must be top dressed at least once a year with suitable fertilizer. The Henderson Lawn Enricher is a clean, lawn dressing which never fails in inducing a regident sick group group the rapid and rich green growth.

For forming a new lawn a 10-lb. package is sufficient to go over an area of 200 square feet, or 1,000 to 1,500 lbs. per acre, or a smaller quantity for renovating an old lawn. Apply broadcast with machine or by hand as evenly as possible on a quiet day and preferably just before rain. If applied during the summer use half of the quantity and water in thoroughly with a hose.

Prices:	50 lbs\$ 3.00
5 lbs\$ .45	100 lbs 4.25
10 lbs	500 lbs 17.00
25 lbs	2,000 lbs, (1 ton) 60.00
See Special Notice on top of page	

#### HOUSE PLANT FOOD (Henderson's)

A safe, clean and highgrade fertilizer free from disagreeable odorprepared especially for feeding plants grown in pots. It is a wonderful invigorator, producing luxuriant, healthy growth, foliage of rich texture and larger and more brilliant flowers. Detailed directions on each package.

Price, 12-oz. package, sufficient for 25 ordinary sized plants for one year, 25c. Transportation paid in United States.

# HUMUS Hyper Pulverized

#### Nature's Product for Enriching Lawns and Gardens

Humus is not a chemical fertilizer, but a natural organic substance consisting of deposits of decomposed vegetable matter that have been accumulating for countless ages.

Our supply, which is obtained from a prehistoric lake basin, is dug

Our supply, which is obtained from a prehistoric lake basin, is dug aerated and pulverized by specially designed machinery.

Hyper Pulverized Humus is black in color, it is easy to apply, and serves many functions in the soil. It loosens heavy clayey soils, and promotes aeration. It increases the moisture absorbing power of light, sandy soils and corrects the mechanical condition of medium soils. Unless there is a supply of humus in some form in the soil it is investible to be a supply of humus of other gross ways to be a supply of humus in some form in the soil of the property against a supply of humus in some form in the soil of the property against the supplier of the suppli it is impossible to obtain satisfactory crops of either grass, vegetables or flowers.

Hyper Pulverized Humus is absolutely odorless and is therefore very desirable for using in flats for starting seedlings indoors, also for potting bulbs and other house plants.

Prices:			
25 lbs	 \$1.00	500 lbs	\$ 9.50
50 lbs	 1.40	1.000 lbs	16.00
		2.000 lbs. (1	ton) 30.00
		carload lots.	.,,

# SHEEP MANURE Pulverized Wizard Brand

See Special Notice on top of page regarding Prepayment.

Contains the Life-Giving Elements of Stable Manure in Concentrated Form, Dried, Screened, Sterilized, Ground and Pulverized.

The Flower and Vegetable garden is particularly benefited by the use of Pulverized Sheep Manure. It should be spread at the rate of 100 lbs. to 1,000 square feet or 2,000 to 3,000 lbs. to the acre, applied after plowing just before the final harrowing.

Grass thrives luxuriantly when fed with Pulverized Sheep Manure. Use 100 lbs, per 1,000 square feet. Scatter broadcast over the old lawn or rake thoroughly into the top soil a day or two before seeding a new one.

Farm Crops, hay fields, grains, etc., respond wonderfully to an application of Pulverized Sheep Manure. The quantity required ranges from 1,500 to 2,000 lbs. to the acre, either drilled or broadcast.

Florists and Cardeners use immense quantities of Pulverized Sheep Manure for greenhouse plant culture. In potting soil, one part Sheep Manure to six parts soil is the usual proportion. For liquid use 1 lb. of the manure to 5 gallons of water. In carnation, chrysanthemum or rose houses it is often used for a light top-dressing.

Prices:	50 lbs\$	2.75
Tires.		
5 lbs\$ .50	100 lbs	4 00
J 108		
10 lbs	500 lbs	16.00
10 10S		
25 11-	2,000 lbs. (1 ton)	60 00
25 lbs 1.50	2,000 IDS. (1 tom)	00.00
See Special Notice on top of pa	age wagerding Propagment	

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#### **ADCO**

Dry leaves mixed with Adco and kept moist, turn into excellent manure. So do flower stalks, vines, and almost any other

flower stalks, vines, and almost any other kind of non-woody vegetable waste.

Price, 25-lb. bag, \$2.25. (Enough for 12 wheelbarrow loads of garden waste, making ½ ton of manure.) 150-lb. bag, \$10.50. (Enough for a heap 10 ft. x 10 ft. x 6 ft., making about 3 tons of manure.)

See special notice on top of page regarding

prepayment.

#### **ALUMINUM SULPHATE**

Gives the soil the acidity necessary for the successful culture of Rhododendrons and

similar plants. 1 lbi, 25c; 5 lbs., 70c; 10 lbs., \$1.15; 25 lbs., \$1.60; 100 lbs., \$5.75.

See special notice on top of page regarding

#### AMMONIA, SULPHATE of (Dry)

It is highly concentrated, showing a guaranteed analysis of 25 per cent ammonia. Sulphate of Ammonia is particularly de-

sirable for grass lands, lawns, sports turf or pasture grasses. It is also freely used for grains and market crops. Orchardists use it for stimulating fruit crops. Being readily soluble, it is quickly available.

Prices: | See special notice on top of page regarding | Sheet 
prepayment.

#### CLAY'S FERTILIZER

An English organic fertilizer used for forcing greenhouse plants and vegetables. Can be used in either liquid or dry form and raked well into the soil around the plants. Prices:

14 lbs.....\$2.25 | lbs.....\$2.25 | 56 lbs.....\$ 7.00 | 3 lbs......\$4.00 | 112 lbs......\$12.00 | See special notice on top of page regarding 28 lbs....

prepayment.

#### COMPOST

Spent Mushroom Soil. Henderson's Screened. An Ideal Preparation for Top Dressing Gardens and Lawns. Also for Window Boxes and House Plants. It consists of well-rotted manure and soil, which has been used in the growth of mushrooms. When mushroom beds are made up they require fresh manure and soil in proportion, and after the crop has been harvested the soil is removed from the beds.

Excellent for mulching or top-dressing roses, evergreens and fruit trees. For lawns, use 400 lbs. per 1,000 square feet, broadcast evenly and rake well into the soil. If properly done, the growth of the grass will be tremendously stimulated. When repotting plants this product is indispensable in the preparation of the soil.

Prices: 25 lbs.....\$1.25 500 lbs.....\$10.00 50 lbs. 2.00 1,000 lbs. 18.00 100 lbs. 2.50 2,000 lbs.(1 ton) 30.00 See special notice on top of page regarding

prepayment.

#### DRICONURE

It is composed of 65 per cent pure cow It is composed of 65 per cent pure cow manure and 35 per cent peat moss. It combines the feeding ability of rich cow manure with the water-holding capacity and soil-improving characteristics of imported sphagnum moss peat. It will not burn and has no harmful after effects. Gives relatively quick as well as long, lasting results. It feeds the plants and improves the mechanical condition of the soil.

Packed in 50 lb. bags with a bulk content of about 3½ bushels. Application 50 to 100

lbs. to each 400 square feet for new seeding work or 50 lbs. as a top-dressing on lawns and

gardens. Prices: 50 lbs. \$ 3.00 500 lbs. 25.00 1,000 lbs.....\$45.00 2,000 lbs.....85.00 See notice top of page regarding prepayment.

#### FLORANID

An Imported, Highly-Concentrated Nitrogenous Fertilizer. The nitrogen content of Floranid is 92

times greater than that of ordinary manure. Only one teaspoonful to a gallon of water required for fertilizing flowers, vegetables, lawns or house plants.

Price, 1-lb. can 35c. Transportation paid.

#### LIME, Hydrated

Finely Pulverized

Best grade testing calcium oxide, 65% min.; actual, 73%.

Improves the mechanical condition of the

soil, for grass, farm crops, etc.

Broadcast 10 lbs. to 200 square feet or 1

ton to the acre. Prices:

5 lbs.....\$ .45 100 lbs.....\$ 3.00 500 lbs..... 12.50

See special notice on top of page regarding prepayment.

#### NITRATE OF SODA

Apply between 100 and 150 lbs. to the acre. Water in thoroughly to prevent burning. Price, 100 lbs., \$4.25; 100-lb. bag smallest quantity sold, by freight only. (Railway) quantity sold, by freight only. (Railway Express Agency will not accept shipments.) See special notice on top of page regarding

prepayment.

#### OYAMA PLANT FOOD

By using **Oyama** on house plants, it will keep them in bloom all winter and as green and luxuriant as if grown outdoors in the

summer.
Price, House Plant size, makes 6 gallons, 35c. Garden size, makes 32 gallons, \$1.20.
Transportation paid in the United States.

#### PEAT MOSS, Granulated

It adds organic matter (humus), improves It adds organic matter (humus), improves the texture, conserves moisture and aerates the soil. Granulated Peat Moss is used extensively for mixing in soil for pot plants, also window boxes, and it is an excellent medium in which to grow bulbs. The rich mellow texture that it imparts to the soil with which it is incorporated puts the soil in ideal condition for the making of a lawn. ideal condition for the making of a lawn, a flower or vegetable garden. It is also used for mulching Perennial and Rose beds as well as around Evergreens.

Many gardeners use Peat Moss for packing and storing bulbs, such as Cannas, Dahlias, etc. Price, carton, 14 lbs., enough to cover 16 sq.

ft. 1 in. deep, 75c. Large bales, about 19 to 20 bush., covers 240 sq. ft. 1 in. deep, Prices: 1 bale, \$3.50; 5 bales, \$16.25;

Prices: 1 bal-10 bales, \$30.00.

See special notice on top of page regarding prepayment.

#### PHOSPHATE, ACID (Super Phosphate)

A high-grade product of treated phosphate

rock. It is readily soluble.

Price, 100 lbs., \$2.00. See special notice on top of page regarding prepayment. Send for special quotation on larger quantities.

#### POTASH, SULPHATE OF

Is the most highly concentrated form in which this very important plant food ele-

which this very important plant food element is obtainable.

Price, 5 lbs., 90c; 10 lbs., \$1.60;
25 lbs., \$2.25; 50 lbs., \$3.75; 100 lbs., \$6.50.
See special notice on top of page regarding prepayment.

POTASH, MURIATE OF
A popular form of the essential potash

Price, 100 lbs., \$7.00. See special notice on top of page regarding prepayment.

#### POULTRY MANURE Pulverized

A good fertilizer rich in plant food for all garden crops, grass, etc. Use 1 to 3 tons to

acre. Price, 100 lbs., \$4.25; 500 lbs., \$16.50; ton,

See notice top of page regarding prepayment.

#### PUTTING GREEN FERTI-· LIZER, Henderson's

It is a supergrade mixture for golf courses and lawns that are composed of the Bent Formula of Grasses.

Price, 100 lbs., \$5.50.

See special notice on top of page regarding prepayment.

#### SALT, AGRICULTURAL

Some crops, particularly asparagus, are greatly benefited by an occasional application of agricultural salt.

Price, 100 lbs., \$2.25.

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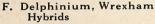
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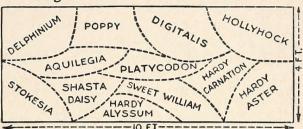
# Henderson's Garden Nook Collection of Hardy Perennial Plants

Produce a Gay Succession of Flowers Throughout the Entire Summer

An excellent collection for the beginner in gardening or for the experienced gardener, as the dozen varieties contained in the collection are among the most popular in cultivation. They will produce an effective display by themselves, or they will form a splendid nucleus for a growing garden. None of the varieties are especially particular regarding soil conditions, and they will all thrive best where they will obtain a maximum amount of sunlight. The collection consists of the following varieties as illustrated below, for description see page 145.



- G. Oriental Poppy
- H. Platycodon (Bell-Flower)
- I. Digitalis (Foxglove)
- J. Aquilegia (Columbine)
- K. Stokesia (Stokes Aster)
- L. Shasta Daisy
- M. Alyssum (Goldentuft)
- N. Dianthus (Sweet William)
- O. Carnation (Hardy Garden)
- P. Aster (Michaelmas Daisy)
- Q. Double Hollyhock, Assorted



Plan showing how to arrange Henderson's "Garden Nook" Collection of Hardy Perennial Plants





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